To conduct a series of studies and to provide other researchers with texts that may prove useful in answering a variety of questions about perception in reading, it was necessary for two researchers to create pairs of texts that were different in meaning but were physically different in only one letter. These texts were created by first identifying pairs of words that differed in a single letter and then writing a context of one or more sentences in which either member of the pair would fit and make sense at the same word position in the text. (For example, "leaks/leans" in "The shed...so much it is unusable.") After the introduction, the first section of the document describes the construction of the materials, the two questionnaires used to determine the predictability of the critical word in the texts, the organization of the norms, and the potential uses of the norms in research. The bulk of the document then presents the words themselves, organized by length from three to seven letters and by parts of speech and shape of the pair. (JL)
Technical Report No. 260

CONTEXTUAL PREDICTABILITY NORMS
FOR PAIRS OF WORDS
DIFFERING IN A SINGLE LETTER

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Abstract

Four hundred sixty-seven pairs of short texts were written. The members of each pair differ only by a single letter in one word. Two sets of predictability norms were obtained for the word pairs containing the distinguishing letters. These texts were used in several studies on perception within and across fixations in reading, and may prove useful to researchers interested in a variety of questions about perception in reading.
Contextual Predictability Norms for Pairs of Words Differing in a Single Letter

In order to conduct a series of studies in our laboratory, it was necessary to create pairs of short texts which were different in meaning but were physically different in only one letter. These texts were created by first identifying pairs of words which differed in a single letter and then writing a context of one or more sentences in which either member of the pair would fit and make sense at the same word position in the text. For example, either member of the word pair *leaks*/*leans* fits into the context, "The shed _____ so much it is unusable." As a result, there are two different versions of each text distinguished only by a single letter in one word. In addition, it was necessary to obtain predictability norms for these words, given the text prior to that word position. Having created the sentences and obtained the norming information, it appeared likely that these materials could be useful to other researchers interested in studying perceptual or language processes in reading. This led us to compile the information in the form presented here so it could be available to others. The following sections describe the set of text pairs, the process of norming the materials for predictability, the nature of the normative data presented here, and some possible uses for these materials. In the following discussion, the letter that distinguishes the two versions of a text will be referred to as the *critical letter*, and the word which contains the critical letter will be referred to as the *critical word*.
Construction of the materials

The word pairs used to construct the texts were classified along four dimensions which produced 52 groups of word pairs, as summarized in Table 1. The first dimension was word length: three, five, and seven letter words were chosen for these texts. Second is the letter position of the critical letter in the critical word. Three and five letter words could differ in any of the letter positions of the word. Seven letter words could differ in the first, second, fourth, sixth, or seventh letter positions. The third dimension is part of speech. The word pairs were dichotomously classified. Two categories were used, one containing nouns and the other verbs and adjectives. Finally, the word pairs were distinguished by their contrast in word shape. The members of a word pair had either the same or different outline word shape or envelope (cf. Haber & Haber, 1981). For example, the words cling and clink differ in shape, because one critical letter, g, is a descender and the other, k, is an ascender, while the words price and prize do not differ in shape, because both critical letters g and z are short letters.

<table>
<thead>
<tr>
<th>Table 1. Classification hierarchy for word pairs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Word length</td>
</tr>
<tr>
<td>Letter position</td>
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<tr>
<td>Part of speech</td>
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<tr>
<td>Word shape</td>
</tr>
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<td>Total groups</td>
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The sentence contexts for the words were written to be as natural as possible. Emphasis was placed on avoiding sentences which were unusual or bizarre because of the constraints placed on them. The sentences were written so that was not obvious which word was the critical word. That is, the sentence was not written around the critical word, but, rather, the critical word was written into an inconspicuous place in the text. In addition, besides the target pair of words, members of other word pairs differing by a single letter were deliberately written into the sentences. This was done partly to avoid focusing the sentence around the critical word, and partly to provide additional words by which retention could be tested. Such pairs will be referred to as non-critical pairs. For most of these non-critical pairs, only one of the two words syntactically and semantically fit into the text. For a few texts, both words did. These non-critical word pairs are also listed in the norms, and may be useful for testing or other purposes, but predictability information is not provided. To test retention in our studies, one of the non-critical word pairs was usually used. In a few instances, however, we used a word pair which did not appear in the text. These pairs have also been included in the norms.

At least six texts were written for 51 of the 52 categories of word pairs. The remaining category, seven letter nouns contrasting in the seventh letter and having the same word shape, did not have enough word pairs to write six reasonable texts. To balance groups in our experiments, extra texts from seven letter nouns contrasting in the seventh letter but different in word shape were assigned to this category. These extra texts are presented here in
the appropriate category. Many of the other 51 categories contain more than six texts. With the exception of five letter words contrasting in the first and fourth letters, only the first six texts listed under each category have been used in our studies, and these are typically the most natural-sounding members of the category. There are 456 texts overall. An additional 21 texts containing five letter word pairs contrasting in the first or fourth letters were written to provide extra materials for one experiment. Since complete predictability data were not collected on these extra 21 sentences, they have been labeled differently.

Data on predictability

Two questionnaires were prepared in order to determine the predictability of the critical word in the texts. In the first one, the word questionnaire, subjects were given the texts up to and including the word before the critical word, as in Figure 1.

PASSAGE 6

On their first trip to Yellowstone, the noisy young campers were in for a nasty surprise. A marauding black bear apparently heard a

Figure 1. Example of text as given in word questionnaire.

They were instructed to complete the sentence by writing three words or more to finish the thought. Subjects were told to give at least three words: if they completed the sentence in less they were to begin another sentence. The
results were taken to indicate how predictable the critical words were from their preceding context. The second questionnaire, the letter questionnaire, provided the texts up to and including the critical word. The critical letter position, however, was replaced by a blank as in Figure 2.

PASSAGE 6

On their first trip to Yellowstone, the noisy young campers were in for a nasty surprise. A marauding black bear apparently heard a _out

Figure 2. Example of text as given in letter questionnaire.

The subjects' task was to supply the missing letter. They were also told that sometimes more than one letter could fit to make a word appropriate to the context. If more than one word occurred to them, they were instructed to write down only the word that occurred to them first. The results were taken to indicate the relative probability of the two critical words, given the context and letters common to both.

Summary statistics for the word and letter questionnaire responses are given in Tables 2 and 3, respectively. Statistics on the word questionnaire refer only to the first word given to complete the sentences.
TABLE 2. Summary statistics for initial word responses on the word questionnaires from 30 subjects.

1. Number of different initial words given by subjects.
   \[ \text{Mean} \quad 17.4 \quad \text{Median} \quad 18.0 \]

2. Number of subjects giving the most frequent word.
   \[ \text{Mean} \quad 7.5 \quad \text{Median} \quad 6.0 \]

3. Number of passages in which one of the critical words was the most frequent word given \[ 41 (8\%) \]

4. Number of passages in which one of the critical words was the most or second most frequent word given \[ 72 (15\%) \]

5. Number of passages in which at least one of the critical words was given by at least one subject \[ 130 (28\%) \]

6. Mean percentage of subjects giving the most frequent critical word as the initial word in their response \[ 4.4\% \]

7. Mean percent of subjects giving the second most frequent critical word as the initial word in their response \[ 0.3\% \]

1. Number of different letters given by subjects.
   
   Mean .......... 2.9  
   Median .......... 3.0

2. Number of subjects giving most frequent letter.
   
   Mean .......... 22.0  
   Median .......... 22.0

3. Number of passages in which one of the critical letters was the most frequent letter given .......... 430 (94 %)

4. Number of passages in which one of the critical letters was the most or second most frequent letter given .......... 451 (98 %)

5. Number of passages in which the two critical letters were the most and second most frequent .......... 347 (76 %)

6. Mean percent of subjects giving the most frequent critical letter as their response .......... 71.2 %

7. Mean percent of subjects giving the second most frequent critical letter as their response .......... 18.8 %
Each questionnaire was given to thirty subjects. Different subjects filled out the word and letter questionnaires. All subjects were University of Illinois students who were paid for completing the questionnaire. Each questionnaire contained the main body of 456 texts. For the additional 21 sentences added later, however, data were only collected from the letter questionnaire. This additional questionnaire was separate and also was given to thirty subjects, a few of whom were different from the subjects who completed the larger questionnaires.

**Organization of the norms**

In the following norms, the texts are arranged according to their category. Accompanying each text are the corresponding critical words, non-critical word pairs, and responses from the word and letter predictability questionnaires. Figure 3 gives an example of the presentation format of this information, which is explained below.
Tex often goes away from home for several months, only to come back penniless. His only excuse is that he is a born gambler and just can't help himself.

**Worda(13):**

7 loser
5 gambler
4 a, wanderer
2 rambler
1 bum, drifter, idiot, pauper, rover, spender, spendthrift, wander

**Letters(2):**

28 g
2 f

Figure 3. Example of information given for one text.

**The first line**

In left to right order, the first line gives the following information:

1. an identifying number which codes the category the text belongs to as well as uniquely labeling the text,

2. the critical word pair, which is given in angular brackets,

3. the test items used in our studies, referred to as *foil words*, which may be a non-critical word pair or a pair not appearing in the text, and

4. two additional non-critical pairs, which are given in parentheses.

It may be possible to specify more than two additional non-critical word pairs for some texts; however, only two per text are given here. For some of these
pairs, both words may make sense in the text, although only one actually appears in it.

**The identifying number**

The four digits to the left of the decimal point in the identifying number serves as a code for the category to which this text belongs. The first digit identifies the word length. The second identifies which letter position contains the critical letter. The next digit codes the part of speech. If this digit is a zero, the word is a noun; if it is a one, the word is a verb or adjective. The fourth digit codes the word shape difference. If this digit is a zero, the outline shapes of the critical words are the same; if it is a one, the outline shapes of the critical words are different. The two digits to the right of the decimal uniquely label the text within the category to which it belongs. That is, each text within a category receives a different set of digits to the right of the decimal. The combination of these two digits and the four digits identifying the category uniquely labels the text within the entire set of materials.

In order to distinguish the 21 additional texts which only have norms from the letter questionnaire, their identification numbers contain a 5 in the tenths position of the decimal. These sentences have been placed at the end of the lists in the categories to which they belong.
The text

Directly below the first line is the text. The critical word appears underlined in the text with an asterisk in the position of the critical letter. The two critical letters appear in the critical words given on the first line. When one of the foil words appears in the text, as is usually the case, that word is also underlined in the text.

Word questionnaire responses

The responses to the word questionnaire are listed below the text itself. Only the first word which subjects gave in their sentence completions are considered here. The number in parentheses is the number of unique words given for this text. Those words are then listed in order of decreasing frequency. The number to the left of each word refers to the number of subjects that gave it as a response. Cases where a subject gave no response were also counted. If two responses have the same frequency, they appear after that frequency, separated by commas. In the example, four people responded with the word a and four people with the word wanderer. When the response listed is also one of the critical words, it is underlined.

Letter questionnaire responses

The letters given by subjects in the letter questionnaire are listed in the same way as the word questionnaire responses. The number in parentheses is the number of unique responses given. The letter responses are listed after their frequencies. Those letters given in response which are also one
of the critical letters are underlined.

Potential uses of the norms

The materials presented here were developed in order to study perception within and across fixations during reading. The texts were displayed on a cathode ray tube (CRT) under computer control. Subjects read as their eye movements were monitored. When their eyes were within a certain region around the critical letter, the critical letter was changed during each forward saccade. Thus, the contents of the location containing the critical word changed from one fixation to the next. After reading each text, subjects were shown four words (the two critical words and the two foil words) and they indicated whether each was in the text. Since the text was different in a specific manner on successive fixations, this environment made it possible to study several questions about the perceptual span, about the use of peripheral vision in reading, and about the integration of information across fixations.

These materials might prove useful in studies investigating the relative effects of visual cues and contextual constraints on word perception. Their primary limitation in this use is the small number of texts in which one of the critical words is truly highly constrained. The requirement that two words, often with little semantic relationship, both fit acceptably into a word position, means that in most cases many other words would fit acceptably there also; hence, most show relatively low constraint.
Since word shape similarity is a variable in these materials, they may be useful in studying the role of word shape in word perception, especially with respect to the use of peripheral vision during reading.

Another issue for which these materials may be useful concerns the relative perceptibility of letters at different positions in a word, and whether this is an important factor in reading. The effects of lateral inhibition on letter perceptibility is well documented (Bouma, 1978). The question is whether, during reading, letters bounded by spaces are perceived from a wider area than letters internal to the word.

Thus, these materials may be useful to study a variety of questions about perception in reading, dealing with effects of word shape, word length, and letter position. At the same time, the predictability norms add the capability of taking language constraint into consideration. We hope that having these materials available will stimulate and facilitate research on the perceptual processes taking place as people read.
References


Haber, R. N., & Haber, L. R. The shape of a word can specify its meaning. Reading Research Quarterly, 1981, 14, 334-345.
This research was conducted under grant MH 32884 and MH 33468 from the National Institute of Mental Health to George W. McConkie and National Institute of Education contract HEW-NIE-C-400-76-0116 to the Center for the Study of Reading. The authors would like to thank JoAnne Broadbent, who collected the data, and Margaret Olson, who wrote the analysis programs and organized the data presented in this report. Recognition is also due to Rod Underwood, who prepared earlier materials which helped us understand the characteristics the materials must have.
THREE LETTER WORDS

First letter changes

Noun: Same Shape

3100.01 <can/man> picking/packing (rat, cat trash, crash)

I was walking down in the alley yesterday when they were picking up the trash. Suddenly, from out behind the garbage can came the biggest rat you've ever seen.

(not included)

3100.02 <cat/rat> adopted/adapted (brain, train, monkey, donkey)

The neural physiology lab has adopted the rhesus monkey instead of the rat for their new brain monitoring research.

Words(19):

6 chimpanzee
3 rat, white
2 other, (no response)
1 African, ape, black, chip, common, dog, gorilla, guinea, human, lab, marmoset, mice, rabbits, usual

Letters(3):

24 c
3 b, a

3100.03 <bat/hat> pests/posts (grandma, grandpa quiet, quilt)

Billy wouldn't be quiet until his grandma bought him a baseball bat. That dumb kid is one of the worst pests I've seen.

Words(13):

10 and
5 mitt
3 bat, glove
1 a, ball, for, from, that, to, uniform, which, with

Letters(2):

27 b
3 h
Bill, the hired hand, put his arm around the neck of the tired mare standing beside him. "You're quite a gal," he whispered, and slipped her a cube of sugar.

Words (11):
- horse
- gal
- girl
- good, worker
- brave, plucky, pony, race, remarkable, woman

Letters (2):
- g
- p

The death of pa's blue ribbon left the family depressed as well in a bad financial condition.

Words (15):
- was
- pig
- bull
- cow
- heifer
- boar, calf, caused, dog, hog, bolstein, horse, spaniel, steer, turkey

Letters (4):
- o
- a
- n
- (no response)

It's common knowledge that the smartest animal, excepting the chimp, is the dog. They're very friendly, easy to train, and willing to learn.

Words (18):
- dolphin
- porpoise
- dog
- common, great
- Homo, cat, duck-billed, go, groundhog, monkey, orangutan, ranchers, red, sea, silver, well-known, wonderful

Letters (2):
- d
- h
3100.07 <jam/yam> moldy/moody (food, wood about, abort)

I'd left food in the refrigerator while I was on vacation, but, luckily, when I came back it wasn't moldy, except for the jam that I'd forgotten about anyway.

Words(13):
- cheese
- bread
- cottage, milk
- colby, edges, fruit, loaf, potato, rice, some, turkey, vegetables

Letters(4):
- h
- l, s, y

3100.08 <hip/lip> playing/plating (rash, bash, oak, yak)

Timmy got a reddish rash on his lower lip from playing around with some poison oak.

Words(11):
- leg
- abdomen, back
- arm, left, legs, right
- are, forearm, torso

Letters(2):
- l, h

3100.09 <kég/leg> crew/crow (wild, mild lobby, hobby)

After that wild and rowdy beer party in the lobby last night, the clean-up crew discovered that one leg on the table had somehow been broken.

Words(11):
- of
- person
- partier
- drunk, party
- bottle, case, guest, guy, or, plant

Letters(3):
- k, e
Admiral Black was angry because that brand new tub we received last weekend was so badly designed that it leaked water profusely.

3100.10  <sub/tub>  leaked/leaned  (brand, grand, badly, sadly)

Words(18):  car  bicycle, bike  watch  TV, automatic, clock, comb, dishwasher, employee, lawn, moose, shiny, stereo, suit, television, thingamabob, toy

Letters(4):  t, c, p, s
THREE LETTER WORDS
First letter changes

Noun: Different Shape

3101.01 <fan/man> tries/trips (tries, cries wherever, whenever)
Wherever Billy Graham speaks, Charlie tries to go there to see him. I can truly say that Charlie's the most dedicated fan that I know.

Words(11):
- follower
- Billy, Christian, fan
- Christians, born, disciple, fanatic, nut, of, person

Letters(2):
- m
- f

3101.02 <ham/yam> stale/style (old, odd, cramp, clamp)
The old tramp sat down on a door step and tried to rub a cramp out of the calf of his left leg. Then he pulled a stale roll, part of a ham, and a turnip from his bag and began to eat his dinner.

Words(26):
- sausage
- sandwich
- banana, beer, bottle, chicken, chunk, cigar,
- cold, cookie, dinner, donut, half-eaten, hamburger, hot, large, letter, loaf, long, old, pear, piece, potato, previous, stolen, turkey

Letters(5):
- h
- y
- t, (no response)

3101.03 <eel/gel> jar/jaw (junk, gunk showed, shoved)
Tim brought home some terrible junk from the biochemistry lab. He showed me one jar containing a disgusting gel which smelled so bad that I dropped it on the floor.

Words(23):
- old, piece
- looking, mixture, specimen
- amino, baby, blue, collection, concoction, fetal, fetus, green, little, lizard, mold, odor, pickled, rat, roach, sample, section, smelling

Letters(4):
- g
- h
- j
- m
Professor Loreau was lecturing on witchcraft and the black arts in his history class. The first lecture concerned the use of the bat as a symbol of evil since ancient times.

Words(20):
- voodoo
- spells
- cross
- Cabala, Tarot, black, cauldron, dreams, herbs, mysterious, natural, needles, notorious, potions, religious, rites, rituals, salt, symbols, talisman

Letters(7):
- c
- b
- f
- h, l, s, v

The whole family's going to the beach to get some fun before the summer is completely over.

Words(9):
- sun
- fresh
- fun, rays
- exercise, sunshine
- much, sand, shells

Letters(1):
- a

Sherlock finally solved the case of the snubbed butler. The final clue was found in shaky writing on a small pad of paper lying on top of an old oak dish.

Words(17):
- piece
- scrap
- brown, coat, corner, envelope, handkerchief, linen, note, pad, piano, post, recipe, register, table, wadded, white

Letters(1):
- p
"I saw that very same *an at the store that I was telling you about yesterday," she said excitedly.

Worda(17):
8 movie
3 dress, man
2 car, picture
1 behavior, book, child, coat, expression, item, look, outfit, painting, show, sweater, thing

Letters(5):
25 m
2 c
1 r, p, t

Our night out was one of the best meals I've had in a long time. The baked *am was especially delicious. Yet the entire thing only costs about as much as one of those fast *ood places.

Worda(17):
8 Alaska
4 potatoes
3 beans
2 lasagna
1 bean, bread, chicken, cod, fish, fished, flounder, goods, ham, lobster, partridge, pheasant, sole

Letters(2):
29 h
1 n

I thought that a blue colored chip would signal the rat to turn left in the maze, but evidently the animal had been trained to respond to a different *ue than I had thought.

Worda(10):
11 color
5 colored
4 stimulus
2 form, set, type
1 kind, signal, sort, stimuli

Letters(3):
25 c
4 h
1 n
I put the bowl of chips on the dining room table judiciously, so it would cover the little dip that the table cloth had acquired.

Words(14):
- spot
- burn
- stain
- crack, hole, scratch
- bit, burnt, cigarette, dark, doily, gravy, the, water

Letters(5):
- r
- n
- l
- t
THREE LETTER WORDS

First letter changes

Verb or Adjective: Same Shape

3110.01 <dry/fry>  fun/fan  (older, odder leave, lease)
Joey's older brother laughed at his stupidity, and then explained: "Don't leave your pet turtle outside in the summer time. In the scalding hot sun it'll fry until it's dead. And dead turtles are no fun to play with."

Words(11):
  8 die
  6 get
 13 fry, roast, shrivel
  2 bake, dehydrate, kill, overheat, quickly

Letters(3):
  17 a
  12 t

3110.02 <can/ran>  shook/shock  (shouted, spouted believe, relieve)
Robert shouted at his brother, who was standing far across the field. "I'm sure I can, but you never believe me," he cried. His brother shook his head and walked off.

Words(13):
  11 can
  2 saw
  8 can't, could, hit, left, wouldn't
  1 don't, know, lost, must, put, told

Letters(3):
  28 a
  1 t

3110.03 <rip/zip>  stuck/stack  (tried, pried trapped, tripped)
When the family discovered their camping tent was on fire they ran to the front and tried to zip the door open. Somehow it had gotten stuck and they were trapped.

Words(14):
  6 get, put
  3 unzip
  3 attract, escape, open, pull
  1 douse, beat, call, dig, find, smother, untie

Letters(5):
  16 t
  7 f
  3 z
  2 d, n
3110.04 <bug/hug> loves/lives (that, what, just, must)

Terry said that she loves to hug her brother just because it irritates him so much.

Words(17):
- go, dance
- ride, run, ski, watch, water
- blow, cook, jump, make, pick, put, read, take, talk, walk

Letters(4):
- h
- t

3110.05 <get/jet> home/hope (going, doing, closed, closer)

How are we going to get home quickly if all the airports are closed because of the blizzard?

Words(18):
- ever, get
- find, finish
- answer, convince, discover, do, know, manage, open, pull, reach, remedy, select, solve, stop

Letters(6):
- g
- s
- i

3110.06 <die/lie> sworn/shorn (figured, figures, local, vocal)

Major Flagg figured that, because of his nationality, he might even have to die when he was in Namibia. Local guerrillas had sworn to torture and kill all American imperialists.

Words(24):
- change
- enter, join, leave
- acquire, appeal, delay, die, disguise, employ, eventually, except, fight, get, give, have, lie, prove, re-declare, seek, take, use, work

Letters(3):
- d
I swear that mocking birds can imitate anything. Last night in the pet store I heard our bird *oo. But for the life of me I don't know where she could have picked up that sound.

Words(19):
5 imitate
3 imitating, sing
2 bark, barking, sound
1 answer, bird, do, gurgle, imitates, laugh, meowing, mimicking, neigh, repeat, say, scream, singing

Letters(5):
21 q
4 m
3 b
1 g, l

The rabid animal almost bit Russ, but we killed it before it could actually hurt him.

Words(11):
19 bit
2 got
1 always, bite, caused, cost, escaped, his, killed, lost, ran

Letters(3):
25 p
4 h
1 p
THREE LETTER WORDS

First letter changes

Verb or Adjective: Different, Shape

3111.01  <bet/get>  horse/horde  (horse, house  right, light)

They say that if you will just get the right amount of money on the right horse, you’re guaranteed a good return on your investment.

Words(14):
- relax
- be
- eat, try
- listen
- apply, have, keep, repeat, run, sit, take, think, wait

Letters(5):
- s
- e
- l

3111.02  <jab/nab>  hook/honk  (tried, pried, metal, medal)

The coyote let out a series of long and wailful cries as the farmer cornered him in the henhouse and tried to jab him with a long stick that had a metal hook on the end.

Words(15):
- shoot
- capture, kill
- get, shot, tie
- aim, chase, close, coax, do, hit, put, shoo, wring

Letters(4):
- h
- d
- a

3111.03  <bad/sad>  milk/mile  (warning, warming, spill, swill)

Theresa shook her finger at her three year old. "I'm warning you," she said. "If you spill your milk again you will be a very bad boy, and will have to get down from the table."

Words(5):
- sorry
- bad
- unhappy, very
- naughty

Letters(2):
- a
- b
311.04  <gag/nag> half/halt (talked,balked  change,charge)

When his younger sister talked too much on the telephone, it is reported
that Will Fenster used to nag her for a half hour to try to convince her
to change.

Words(21):
- cut
- hang
- push, yell
- badger, beat, become, begin, disconnect, go,
- grab, hit, listen, lock, pull, scream, short,
- simply, tape, unplug, yank

Letters(3):
- n
- g

311.05  <hop/pop> hid/hip (dog,hog chased,ceased)

Bobby saw the prairie dog pop up out of his burrow. He chased the little
fellow across the sand but he lost it as it hid in some underbrush.

Words(24):
- and
- before, just, pop, run
- bobbing, disappear, dive, duck, eat, for, had,
- in, jump, looking, peering, scatter, scurry, sit,
- sitting, standing, through, tunnel, vanish

Letters(5):
- h
- t
- c, n

311.06  <bug/mug> parks/packs (waiting,writing  person;parson)

Citizens have complained about the unemployed thugs who hang around the
parks waiting for an opportunity to mug an innocent person for some money.

Words(13):
- mug
- steal
- rip
- beg, pick, rob
- break, earn, have, pickpocket, prey, shake, take

Letters(3):
- m
- b
Mike walked into the bedroom and looked at his sad brother, who was in the bed. "I wouldn't lie to you unless I thought it would make you feel better" he said.

Words(17):
- 6 want
- 4 worry
- 2 be, do, feel, get, spend
- 1 cry, forget, go, know, lie, like, say, trade, try, wish

Letters(4):
- 19 k
- 5 b
- 4 r
- 2 h
THREE LETTER WORDS

Second letter changes

Noun: Same Shape

3200.01 $<$gin/gun$>$ shack/snack (hiked,biked get,set)

As we hiked up to his shack, the hillbilly ran inside to get his gun. We knew then that we were going to be in for an interesting day.

*Words*(14):

- shotgun
- gun
- rifle
- shot, wife
- double-barrelled, fishing, hound, jug, most, pot, rusty, twenty, water

*Letters*(2):

- a
- u

3200.02 $<$rag/rug$>$ drapes/grapes (attic,antic out, cut)

Looking in the attic, I found an old rag and some drapes that were moldy and motheaten, so I threw them out.

*Words*(15):

- picture, trunk
- chest, dress, painting, pair, tea
- beat, box, bureau, crate, photo, piece, sweater, truck

*Letters*(2):

- a
- u

3200.03 $<$gem/gum$>$ silly/silty (would, could most, lost)

Sally would not part with her gem. It seems silly, but she considers it her most valued possession.

*Words*(19):

- old
- favorite
- doll, new
- antique, baby, battered, brother, collection, dirty, dolly, grandmother's, kitten, long, most, puppy, purse, soft, stuffed

*Letters*(3):

- a
- y
- u
O'Neill's new play is the finest *I've* seen on the New York *stage* since I've been a director.

We had to go to the *bay* to learn whether the ship from Poland had come into *port* yet.

The singer encountered the greatest *fan* he ever had or ever will have at the Chicago *concert*.
This morning I heard a yap from behind the door. I looked behind it and there was this cute little fluffy pup with a stubby tail.

Words (23):
- news
- cardinal, crash, gun, loud, robin
- bell, bird, bomb, cardinals, dog, fight, fire, funny, good, gunshot, morning, mourning, pretty, red, report, shout, whippoorwill

Letters (4):
- a, e, (no response)

She wouldn't touch the bread because of the rat she claimed she saw on top of it.

Words (17):
- mold
- ants, bleached, crust, fly, germs, green, jam, lack, mice, new, prickly, roaches, rumor, sesame, spot, ugly

Letters (2):
- a
- o
THREE LETTER WORDS
Second letter changes

Noun: Different Shape

3201.01 <ode/one> earning/earring (among, along prizes, primes)
After looking over the entries that had won in the poetry contest, Justin felt that the one he had submitted was as good as any, and should have been among those earning prizes.

Words(19):
  9 judges
  2 contest, poem, winning
  1 agony, best, competition, effort, first, judge, judging, last, only, publicity, second, state, winners, writers, young

Letters(3):
  16 d
  13 n
  1 p

3201.02 <age/ale> old/odd (great, treat these, those)
Bill marveled at the great age of these old German breweries.

Words(25):
  5 size
  2 white
  1 Santini, amount, beauty, big, charm, diversity, dog, luminous, magician's, mass, masterpiece, piece, score, shark, soloist, splendor, statesman, statue, sunset, tall, trapeze, view, whitefish

Letters(5):
  14 p
  13 g
  2 l, x

3201.03 <sea/spa> head/herd (while, whole, clear, clean)
Ann took the afternoon off to go to the spa. She says that going there for a while gives her an invigorating lift and helps her clear her head.

Words(24):
  4 beach
  3 doctor
  2 zoo
  1 Cub's, bank, baseball, beauty, clothing, doctors, family, hairdresser, hairdressers, hospital, movies, new, opening, orthodontist, park, play, pool, shop, shopping, show, supermarket

Letters(4):
  16 s
  10 r
  1 t, (no response)
3201.04 <ace/age> unable/usable (might, fight never, newer)

Try as he might, he was unable to hide his axe. He had to admit that deception was never his best suit.

Words(23):
2 anger, embarrassment, emotions, feelings, guilt, shame, surprise
1 big, blood-stained, desire, embarrassing, excitement, fear, feeling, frustration, glee, happiness, lack, reaction, shaking, smile, sorrow, wounds

Letters(5):
22 g
3 w, x
1 p

3201.05 <ale/axe> market/marker (had, has other, otter)

The lumberjack claimed that he had made his own axe, and that it was better than any other on the market.

Words(21):
6 axe
4 cabin
2 log
1 axes, bed, fame, furniture, future, home, jacket, life, logging, lumber, name, red, saws, shirt, special, suit, tool, wood

Letters(5):
18 k
6 g
2 c, g, w

3201.06 <sky/spy> looked/looted (how, now, would, could)

As Jonathan looked at the sky he wondered how long it would be before justice would finally prevail in America.

Words(24):
4 clock
3 painting
2 paper
1 beautifully, bird, book, cake, ceiling, child, children, dog, girls, harp, picture, pictures, report, seagull, sky, snow, strange, sunset, toys, vast, window

Letters(4):
24 k
3 h
2 p
The stranger saw that the shepherd's *sheep* was large and black, and that the roof of the tin *shack* beyond was laden with snow.

I've got to admit, Burt is a real *ate* when it comes to women. At the rate he's going he'll never settle down and get *hitched*.

Randy's such a thoughtful guy, he gave his *awl* to the Joneses to help them *build* their new garage.
The marshal was firmly convinced that the local storekeeper had received his due but of course the storekeeper was sure that he had been dealt with unjustly.

**Words (21):**
- goods, merchandise
- just, money, notice, orders, payment
- T.V.s, extra, fair, final, first, kickback, last, letter, message, paycheck, summons, threatening, warning, wealth

**Letters (4):**
- 22 u
- 4 v
- 3 t
- 1 o
THREE LETTER WORDS

Second letter changes

Verb or Adjective: Same Shape

3210.01 <pig/pug> toy/coy (names, games, nose, rose)
Little Sally explained to her dad what the names of all her toy animals were. Starting with her favorite she reported: "The big fat puppet with the pig nose is the one I call Mr. Rickles."

Words(13):
   red
   big
   hat
   blue
dancing, long, mustache, orange, pig, pink, tall,
the, yellow

Letters(3):
   i
   u
   e

3210.02 <are/ate> pointed/jointed (buckles, buckled shoes, shops)
Gwen stared at the little man with brass buckles on his pointed shoes. "Why, you are like a little pig," she exclaimed.

Words(14):
   look, must
   are
come, cute, funny, giving, got, have, idiot,
remind, rotten, wear, were

Letters(5):
   c
   p
   e
   d

3210.03 <odd/old> local/vocal (lives, lived, quite, quote)
At the end of our street there's the broken down shack where Mr. McGee lives. I have never talked to such an odd man in all my life. It is really quite an experience.

Words(13):
   interesting
   old
   eccentric
   angry
amazing, dirty, intelligent, kind, odd, ornery,
unconventional, unharmful, unsocial

Letters(2):
   i
   e
Predictability Norms

3210.04 <beg/bug> money/honey (refuse, refute feel, fuel)

"I steadfastly refuse to beg the priest for any more money," the unemployed worker said. "I already feel shameful for accepting his charity."

Words (22):
- take
- answer, be, compromise, have, participate
- admit, agree, allow, believe, except, falsify,
- kiss, let, lower, make, play, support, tell,
- vote, wash, work

Letters (5):
- e
- m
- a
- o, v

3210.05 <shy/sly> naughty/haughty (know, knot done, none)

"My little girl is very shy," said the embarrassed dad. "You never know what she's up to until she's done something naughty."

Words (24):
- smart
- bright, much, precocious
- careful, cute, excited, feminine, happy, hard,
- inquisitive, intelligent, obnoxious, outgoing,
- particular, pretty, quick, scared, sensible, shy,
- sweet, talented, uncoordinated, young

Letters (1):
- h

3210.06 <pat/put> board/beard (flour, floor, dough, bough)

Always make sure that you put flour on the wooden board lightly before you roll the dough on it.

Words (17):
- lock
- close, look, turn
- fasten, know, wash
- ask, brush, buckle, finish, get, have, keep,
- read, tie, wear

Letters (2):
- u
- e
3210.07 <can/con> fire/file (going, doing, job, mob)

The company's heartless personnel manager, Forster, was going to take some unauthorized steps to fire my cousin. "If you can him out of his job," I told Forster, "he'll never be able to feed his wife and kids."

Words(13):
- don't
- do
- ever, fire
- say
- are, cannot, complain, continue, cross, have, interfere, think

Letters(1):
- a

3210.08 <toy/try> skilled/spilled (could, would, while, whale)

He felt that if he could just try with the correct tools for a while, he might be able to become a relatively skilled locksmith.

Words(19):
- get
- have, reach
- barely, be, continue, do, find, finish, go, hold, make, meet, overcome, pass, prove, sing, stop, talk

Letters(2):
- r
- a

3210.09 <ace/awe> skill/spill (card, hard, game, gate)

Every time I visit the old man, he'll awe me again with his card playing, because his skill at the game is so fantastic.

Words(15):
- tell
- give, talk
- ask, offer
- be, grin, insist, launch, reminisce, repeat, smile, start, wants, yell

Letters(5):
- g
- a, l, p, (no response)
3210.10  <pat/pet>  stray/straw  (say, saw, head, lead)

My mother always used to say "Don't put stray dogs on the head, they might bite you!"

Words(21):
3  count, eat, forget
2  do, play, touch
1  bit, bite, borrow, ever, expect, fight, go, pick, put, slam, talk, turn, wad, wash, wear

Letters(3):
27  u
2  a
1  v

3210.11  <tie/toe>  coach/roach  (win, pin, contest, congest)

If their team was going to win the rope-throwing contest, the coach felt they were going to have to toe the line more strongly than they had ever done before.

Words(15):
11  practice
3  work
2  do, go, train
1  be, buckle, concentrate, develop, double, have, put, resort, start, try

Letters(3):
28  i
1  f, o
THREE LETTER WORDS

Second letter changes

Verb or Adjective: Different Shape

3211.01 <add/aid> lists/lifts (run, ran, needy, seedy)

This charity organization is run so inefficiently that it's a wonder that they can add yet another needy group of people on their help lists.

Words(23):
- make
- even
- stay
- be, break, collect, continue, earn, ever,
- function, gain, get, give, have, keep, maintain,
- manage, provide, raise, send, sign, still,
- survive

Letters(2):
- 19 d
- 11 l

3211.02 <age/are> bottles/battles (process, prowess ready, heady)

As we finally passed to the north end of the winery, our guide reported: "At the end of the process, the wines are in their bottles, until ready to be sold."

Words(6):
- are
- will
- age, aged, color, go

Letters(2):
- 21 k
- 9 f

3211.03 <ace/ape> pointing/painting (monkey, donkey, house, horse)

"And, now, here is our exhibit!" the zookeeper said proudly, pointing to the monkey house.

Words(17):
- new
- beloved, guest, host
- leader, next, president
- book, dog, favorite, finest, five, homecoming, last, master, only, sponsor

Letters(8):
- 10 e, p
- 5 g
- 1 d, e, l, r, w
Boris believed that if he could pay this young actress with a lot of money, she might overlook some of the more negative aspects of his appearance and mannerisms.

Words(25):
1 finish, just
2 run
1 ask, climb, complete, convince, delay, eat/find, follow, get, graduate, if, jump, learn, make, meet, only, play, secure, swim, try, win, work

Letters(3):
18 a
 10 r
  2 l

The only possible way to have the food ready on time was to ask Frank Adams, the fighter pilot, to fly the buffalo steaks, but that went against all previous planning.

Words(20):
5 fly
4 make
2 help, radio, start
1 bake, buy, come, cook, deliver, do, fix, plead, prepare, put, quickly, talk, wake, wrap, (no response)

Letters(2):
23 l
  7 r

Felix always seemed to love his sister, a fact that his mother found constantly amusing, and about which she often commented to her peers.

Words(11):
13 be
5 like
2 know
1 play
1 bite, enjoy, have, miss, snore, understand, want

Letters(2):
23 g
  7 c
THREE LETTER WORDS

Third letter changes

Noun: Same Shape

3300.01 <top/toy> ribbing/robbing (oldest, eldest, father, fatter)

"You've been ribbing your baby brother long enough," shouted the angry father to his oldest son. "Now give him back his toy. After all, you're too old to play with it, anyway."

Words(18):
5 toy
4 toys
3 teddy
2 bottle, new, rattle
1 ball, bat, choo, coloring, doll, favorite, fine, glass, his, play, security, turtle

Letters(3):
27 v
2 e
4 p

3300.02 <foe/fox> boasted/blasted (still, stilt, boasted, toasted)

"My opponent is a clever foe, but I'm still too smart for him," boasted the general.

Words(19):
5 and
3 politician, speaker
2 man, player, strategist
1 candidate, debater, educated, fellow, joker, little, manipulator, obfuscator, one, orator, rationalizer, son, woman

Letters(5):
21 e
5 r
1 g, (no response)

3300.03 <fun/fur> dreamed/dreaded (having, saving, had, has)

Muriel always dreamed of having the same kind of fun that her rich neighbor Janice had.

Words(19):
7 house
2 car, clothes, coat, dress, life
1 big, boyfriend, career, clothing, eyes, fame, home, man, prestige, romance, raffle, success, teeth

Letters(2):
19 n
11 r
**Predictability Norms**

3300.04 <pen/pet> buy/bug (met, bet, old, odd)

I was taking a walk Saturday to the store, hoping to buy a new pen, when I met my old friend Jill and got sidetracked.

Wordsa(13):
- coat, pair
- dress
- bike, outfit, shirt, suit
- bicycle, fork, hat, raincoat, seat, shovel

Lettersa(4):
- t
- h
- c, h

3300.05 <hue/hum> lights/rights (never, newer, much, such)

I can never study in a classroom because the hue of the fluorescent lights disturbs me too much.

Wordsa(19):
- noise
- desks, seats
- atmosphere, class, constant, desk, distraction, distractions, environment, heat, lights, noises, others, presence, pressure, room, silence, street

Lettersa(4):
- m
- o
- c, d, t

3300.06 <nun/nut> act/apt (way, ray, going, doing)

I forgot to tell you that my sister's a nun, so don't be surprised at the way she's going to act towards you.

Wordsa(24):
- nun
- member, student, very
- an, bank, black, brilliant, concert, freshman, graduate, high, linebacker, little, loud, lunatic, pi, professional, real, registered, report, secretary, straight, taxidermist

Lettersa(2):
- m
- n
Predictability Norms

3300.07  <gum/gun> playing/praying (reached, reacted pocket, packet)

Joey reached into his pocket to get his gum, but it wasn't there. Then he remembered that Bruce had stolen it when they were playing cops and robbers.

Words(22):
4 wallet
3 keys
2 last, money, pocket
1 brand, calculator, cash, change, dollar, handkerchief, key, knife, marbles, pack, pet, slingshot, special, switchblade, toad, toothbrush, watch

Letters(3):
18 n
11 m
1 r

3300.08  <pea/pen> stuck/snuck (covers, movers making, waking)

The reason I had such a hard time sleeping last night, I discovered, was that there was a pea stuck under the covers which was making me uncomfortable.

Words(18):
8 pea
4 lump
2 broken, bug
1 ball, book, fire, hole, number, party, rock, short, siren, small, spring, thunder, toy, window

Letters(4):
9 a, n, t
3 g

3300.09  <ram/rat> wrapper/trapper (glass, class stuffed, scuffed)

At the natural history museum, someone had left a candy wrapper in the glass case that had the stuffed ram in it. I don't know how they got it in there.

Words(24):
3 birds
2 animals, bear, buffalo, owl
1 American, Egyptian, bats, bears, beaver, bird, boar, carrier, cave, grizzly, lions, owls, penguin, polar, prairie, raccoon, reptile, sea, squirrel

Letters(6):
24 t
2 m
1 g, p, r, y
Doug \textit{likes} to go and fool around with the \textit{lad} downstairs on Saturdays. We let him because we know he won't get into any trouble.

\textbf{Words}(20):

- girls
- boys, car
- cars, guys
- animals, chemicals, computers, dog, dogs
- fellows, gang, kids, local, miniature, pinball, recreational, tools, weights, young

\textbf{Letters}(4):

- \textit{b}
- \textit{w}
- \textit{g}
THREE LETTER WORDS

Third letter changes

Noun: Different Shape

3301.01 <kid/kin> hit/bit (pansy, patsy protect, project)

"I had to hit that guy after he called Freddie a pansy," explained the disgruntled man to the judge. "After all, Freddie is my own kin and I've got to protect him."

Words(7):
15 flesh
6 brother
5 son
1 best, cousin, little, wife's

Letters(2):
26 d
4 n

3301.02 <elk/elm> woods/foods (great, greet now, not)

A species indigenous to the woods and forests of North America, the great elk, is now, unfortunately, on the endangered list.

Words(14):
6 grizzly
4 horned, oak
3 black
2 brown, elk, white
1 California, bald, but, maple, oaks, redwood, sequoia

Letters(3):
26 k
2 r, m

3301.03 <bud/bug> pointed/jointed (excited, excised plant, plane)

My daughter was very excited over something in the greenhouse. So I went with her and looked at the plant she pointed to and, sure enough, there was a large bug emerging from the foliage.

Words(21):
5 spider
2 black, bloom, blossom, bud, cocoon
1 and, bug, bumble, cannabis, flower, fly, hole, money, piece, pod, red, tiger, tomato, venus, (no response)

Letters(2):
19 d
11 g
Predictability Norms

3301.04 <cab/car> lived/dived (handed,banded drove,prove)

Everything in my grandpa's family was secondhand I've been told. Clothes were handed down from child to child, my great-grandfather drove a secondhand car to work, and even the house was lived in before.

Words(13):
- car
- buggy
- bicycle, truck, wagon
- Buick, Chevy, Model, automobile, carriage, jalopy, rig, tractor

Letters(2):
- 28
- 2 c

3301.05 <aid/aim> stated/skated (centers,canters stated,states)

"Our current military aim centers on the Persian Gulf countries." the Soviet general stated frankly.

Words(16):
- strategy
- forces, policy, status, strength
- force, is, situation
- posture, procedures, prowess, stance, state, system, systems, (no response)

Letters(3):
- 26
- 2 d, r

3301.06 <fig/fir> swing/sting (scrubby,shrubby planted,planned)

In the backyard of the old house an old fashioned swing is standing next to a scrubby fir tree that General Lee planted.

Words(16):
- old
- bush, lilac, looking
- children's, dead, dog, little, oak, pine, shack, shed, slide, teeter, trellis, worm

Letters(3):
- 15
- 1 g
3301.07 <flu/fly> state/slate (that, what viral, vital)

The Health Department believes that the Spanish flu is responsible for many of the viral infections reported by the state health clinics.

Words(18):
- flu
- immigrants, influenza, rice
- beetle, cause, community, flea, fly, fort
- inquisition, migrants, neighborhood, omlette, people, poodles, section, speaking

Letters(2):
- m
- y

3301.08 <kid/kit> might/fight (playing, praying hurt, hurl)

We don't like Davy playing with Dr. Benson's kit, because we are afraid that he might hurt himself.

Words(22):
- children
- cat, equipment, instruments, little, medical, stethoscope
- bag, daughter, dog, dogs, expensive, kids, office, older, pencil, primitive, ragged, sharp, son, tools, violin

Letters(3):
- t
- a
- m

3301.09 <jab/jam> busted/rusted (leaking, leaving rag, rug)

To stop the busted oil can from leaking, you can jam an old rag into the hole where the oil is coming from.

Words(18):
- plug
- patch, put
- pour
- apply, braise, hold, mend, only, place, set, stick, stop, stuff, tape, turn, use, wrap

Letters(3):
- m
- b, r
THREE LETTER WORDS

Verb or Adjective: Same Shape

3310.01 <ban/bar> autos/altos (decided, decoded years, bears)
President Reagan decided, in the interest of the domestic automobile industry, to ban the importation of Japanese autos for a period of three years.

Words (20):
give
limit
put
support

1 ball, ban, buy, curb, finance, impose, increase, institute, lend, loan, lower, recommend, restrict, stop, supply, tax

Letters (6):
23 n
2 g, r
1 c, d, t

3310.02 <rig/rip> sail/soil (even, ever failed, sailed)
He tried valiantly to rip the sail of his father-in-law's catamaran, but even with great effort he failed.

Words (13):
save
rescue

defend, stop

1 complete, escape, finish, fix, maintain, overcome, put, swerve, win

Letters (3):
21 d
8 p
1 b

3310.03 <see/sew> room/roam (new, net she, shy)
I certainly should go see my daughter's new blouse, thought Janet as she glanced toward the girl's room.

Words (11):
to
and

back

1 as, do, downtown, home, speak, think, visit, (no response)

Letters (3):
28 a
1 a, t
"Sir, you are mistaken. I do not own the First National Bank at all," Mr. Breed said to the reporter, "and I resent you trying to pry into my private matters!"

The road commissioner claimed that the tar they put on every summer is needed to keep the roads in good condition.

The network brass told TV Guide's reporter that they are going to air their planned talk show to late-night young audiences.
3310.07 <owe/own> dollars/collars (million, billion mark, mask)

It had always been Emer's desire to own a million dollars. That, he
believed, was the mark of a financially successful businessman.

Words(19):
6 go
3 become
2 be, climb, see, travel
1 do, finish, get, grow, help, invent, leave, live, own, ride, run, swim, teach

Letters(2):
26 a
4 a

3310.08 <hid/hit> present/prevent (going, doing tube, tubs)

The new TV was going to be a surprise birthday present, but when my
father-in-law hit it in the closet he broke the picture tube.

Words(13):
8 found
7 saw
4 came
2 got
1 brought, finds, guessed, mentioned, opened,
overheard, presented, visited, walked.

Letters(3):
25 d
2

3310.09 <far/fat> wants/rants (that, what wants, warts)

My friend Teddy is so fat that nobody wants to go visit him.

Words(19):
5 smart
3 funny, nice, shy
2 short
1 far, fast, fun, go, handsome, immature, much,
nervous, pompous, popular, reliable, sweet,
touchy, wild

Letters(2):
28 l
2 r
THREE LETTER WORDS

Third letter changes

Verb or Adjective: Different Shape

3311.01 <fit/fix> frown/flown (skirt, shirt, hours, tours)
Miss Bates looked at the new outfit with a frown. Her dressmaker came up to her and promised, "We'll fix that skirt of yours so it'll look beautiful, ma'am."

Wordsa(13):
6 fix
5 make
3 be, have, take
2 alter, do
1 get, let, redo, remake, soon, straighten

Lettersa(2):
20 t
10 x

3311.02 <nab/mag> act/art (would, could, such, much)
How did Jeanie manage to nag her husband? I would never have expected such an act from her.

Wordsa(16):
14 get
2 do
1 climb, comb, convince, copy, find, fit, fool, keep, live, overcome, pass, save, take, (no response)

Lettersa(4):
15 p
13 a
9 m
5 1

3311.03 <mop/mow> bake/bare (most, host, mending, vending)
Francine had a lot of things that had to be done before the weekend, but the most important were to mop, bake, and finish the mending.

Wordsa(18):
7 get
3 clean
2 buy, finish, pack, wash
1 be, call, cook, do, fill, go, mail, purchase, shop, study, take, type

Lettersa(3):
24 p
5 1

Jerry seems to have the ability to take the resources of any teacher, male or female, introvert or extrovert, old or young.

Words (23):
- do
- communicate, know, read
- anticipate, calm, deal, economic, empathize, fluster, get, help, hit, listen, look, make, move, paint, perpetuate, run, say, speak, understand

Letters (5):
- p
- n
- g
- k

Jeffrey, please don't hit the tomatoes. Just do the things I've told you.

Words (22):
- talk
- do, pester, sit, squeeze, yell
- be, bother, call, disappoint, get, hit, let, look, pull, put, stand, tease, tell, through, touch, track

Letters (3):
- p
- a
- v

Our pet is real smart. She'll even pat your leg if she needs to go outside.

Words (17):
- open
- bring, count, turn
- do, fetch
- brings, jump, looks, makes, read, roll, scratch, sit, stand, talk, use

Letters (5):
- k
- x
- d, n, y
I'm positive that 'grandpa has some of the best preserved antique oak chairs in the whole country.

No matter how much pressure was put on the old carpenter, he absolutely refused to say things the way one normally would, and no one could make him do any different.

Up in the northern areas of Alaska people live in igloos, small, underground houses, but they still manage to stay warm.
3311.10  <rub/run>  shiny/whiny (day,way shape;share)
He thought that if he could just rub his Toyota every day, it would stay in perfect shape, looking shiny and bright and operating smoothly.

Words(20):
- get
- make
- talk
- finish
- answer, convince, dance, fix, have, hold, last,
- listen, look, manage, reach, relax, rest, see,
- turn, win

Letters(1):
- n

3311.11  <ace/act>  best/beet (decided,decoded making,mating)
After careful consideration, Louie decided that he could most effectively ace out his best friend's script by copying his work and making some improvements.

Words(22):
- do
- continue, finish, help, solve, study
- accomplish, accomplished, arbitrate, cause,
- convince, cut, deal, describe, eat, implement,
- make, reach, resolve, serve, spend, write

Letters(3):
- k
- e, a

3311.12  <pen/pet>  normal/formal (father,bather making,raking)
Sally begged her father to let her pen the little fawn, but he said that making friends with wild animals only interfered with their normal survival instincts.

Words(9):
- go
- stay
- have, ride
- use
- drive, keep, play, take

Letters(2):
- k
- g
FIVE LETTER WORDS

First letter changes

Noun: Same Shape

5100.01 <bombs/tombs> stopped/stepped (caverns, taverns lack, pack)

The underground caverns were meant to house hidden *tombs, but then the construction was stopped because of a lack of funds.

Wordsa(24):
4 treasures
2 stores, tombs, treasure
1 bootleg, caches, cases, chests, loot, meeting, missiles, mysteries, passageways, people, prisoners, run, scenes, scrolls, slaves, store, streams, weapons, wolves, (no response)

Letters(3):
21 k
18 p
1 (no response)

5100.02 <cases/vases> letters/litters (wide, wise were, wore)

Eyes wide with delight, the anthropologist realized that the etchings on the *vases were actually runic letters.

Wordsa(6):
16 cave
8 wall
2 stone, walls
1 rack, vase

Letters(5):
12 x
11 c
5 p
1 f, l

5100.03 <jokes/pokes> pushing/rushing (guy, gay pushing, rushing)

Jack's a very obnoxious guy. He thinks he owns the world and he's always pushing everybody else around. I especially do not like his *pokes about my problems.

Wordsa(19):
10 attitude
3 way
1 arrogant, attempts, attitudes, coarse, condescending, domineering, friends, habit, insisting, larger, manner, self, sense, super, thinking, viciously, whiny

Letters(3):
27 1
1 (no response)
Farmer Jones didn't have any way of dealing with his piles of useless seeds except burning them up. That's why there's smoke coming from his farm.

Words(23):
- manure, old
- corn, fertilizer, junk
- and, bailing, broken, chicken, corncobs, hay, hog, horse, leaves, machinery, materials, newspapers, rock, rotting, scrap, trash, wet, wood

Letters(4):
- a
- d
- n, w

When we visited England, we were lucky to see some fascinating ancient sites maintained by modern day Druids.

Words(13):
- castles
- ruins
- relics
- sculptures
- architecture, artifacts, baths, buildings, piece, stone, tombs, traditions, tribal

Letters(5):
- a
- c
- k, l, r

The cannibals mounted their dried heads on strings and wore them as good luck charms.

Words(14):
- heads
- human, meat
- leaves, shrunken, skins
- ancestors, and, apples, bones, carcass, carcasses, hair, skulls

Letters(3):
- b
- d
For good times on the weekend, our boy scouts like to take their bikes out in the woods.

Words (19):
- tents
- canoes, dads, father's
- backpacks
- best, camping, clothes, equipment, friends, gear, girlfriends, knives, leaders, parents, poker, scoutmaster, sleeping, troops

Letters (2):
- h

The gardener pulled up the weeds that were growing in one of his new plots. He knew he should never have located it next to a bog.

Words (13):
- weeds
- carrots, vegetables
- bulbs, daisies, largest, last, old, prize, roses, truck, vine, wrong

Letters (2):
- w

Timmy could tell from Rover's pathetic wound that the poor pooch was really hurt from his encounter with a passing car.

Letters (2):
- a

I thought I'd never catch up with the runaway dog until it had to stop at the beginning of the hedge which bordered the open field.
FIVE LETTER WORDS

First letter changes

Noun: Different Shape

5101.01 <eater/hater> refer/defer (read, reap was, has)

If you will refer to ancient Greek mythology, you'll read that the Cyclops was a renowned eater of human beings.

Words(17):
5 giant, one
3 one-eyed
2 and, creature, monster
1 Greek, baker, cave, eater, figure, god, leader, mathematician, race, sense, two-eyed

Letters(7):
11 h
7 g
5 t
3 v
2 (no response)
1 d, m

5101.02 <holes/soles> shoes/shows (for, far wedding, weeding)

Did you take a look at these holes? I definitely need to buy new shoes for the wedding tomorrow.

Words(26):
2 antique, figures, papers, pictures
1 beautiful, before, chem, dresses, earrings, funny, goofy, new, newly, notes, photographs, photos, picture, prices, prints, problems, reports, stock, vacation, various, weird, x-rays

Letters(5):
10 h
6 p
4 s
1 r, g

5101.03 <paces/races> leg/log (run, rub make, take)

"We'll run the horse through its races," the jockey said, "but I don't think she'll make it with that injured leg."

Words(13):
16 paces
2 course, regular
1 crazy, daily, leg, opening, route, routine, training, trots, warm, workout

Letters(3):
15 p
14 r
1 n
I went into Jerry's room to clean up the mess he left behind. The floor was littered with clothes, marbles, a monopoly game, plastic parts, a broken toy, and an old radio.

Words (18):
- cars, soldiers
- toys
- cups, horses
- bottles, chips, containers, cubes, drinking, fish, glasses, headphones, models, poker, sandwich, speac, trucks

Letters (4):
- d, p
- c
- o

Just in case there's another depression or war, our family will still be able to get along comfortably, because we've stocked our basement with many canned foods and vital supplies.

Words (8):
- goods
- fruits
- and, foodstuffs, provisions, soups, (no response)

Letters (3):
- g
- f
- e

When the Germans saw the American tanks come rolling over the hills, they knew their evasive strategy had failed.

Words (16):
- fighter, flag, soldier, soldiers, they, troops
- army, tanks
- GI, armada, envoy, jeep, planes, ship, ships, tank

Letters (3):
- k
- y
- r
5101.07 <loads/roads> brick/brink (ones, ores, towns, gowns)
Yellow bricks, which are made with different material than red ones, were once popular but are never used now. But one can still find loads of yellow brick in some old towns.

Words (10):
- them
- yellow
- old, the
- a, an, houses, ingredients, some, structures

Letters (2):
- f
- A

5101.08 <likes/mikes> stalked/stacked (vowed, voted, radio, ratio)
The angry disc jockey stalked out of the director's office in a huff and vowed, never to see the likes of that radio station again.

Words (20):
- director, inside, man, radio
- old, studio
- WTTU, bum, crowds, director's, directors, jerk, manager, moon, office, place, point, program, records, station

Letters (3):
- l
- a
- b

5101.09 <backs/packs> tribe/trite (goods, foods, long, lone)
Since the tribe was in need of goods from the outside world, the Mongolians were loading up their packs for the long trek to the nearest village.

Words (25):
- horses
- pack, packs, wares
- baskets, belongings, belongs, camels, caravans, cargo, crafts, donkeys, family, furs, mules, own, produce, products, slips, treasure, trinkets, vessels, wagons, yaks, yurts

Letters (4):
- s
- p
- R, r
5101.10  <rally/tally>  roads/reads  (kids, kiss cars, ours)

Those wild high school kids were out on the roads with their cars all night. You'd think they were trying to get a tally of all the cars in the neighborhood.

Words (18):
- ticket
- cop, medal, person, speeding
- bad, drag, life, price, prize, race, revolution, serious, speed, spot, thrill, traffic, warrant

Letters (1):
- 30  I

5101.51  <field/yield>  badly/sadly  (meant, means have, save)

Farmer Jones was very proud of this year's soybean yield, because it meant he'd have enough profit to buy the badly needed new equipment for next year.

Letters (2):
- 17  s
- 13  r

5101.52  <chief/thief>  local/focal  (still, skill nearby, nearly)

The government official knew that old Indian, Fred Onefeather, was really a chief, but he still had to convince the local sheriff to drop the charges in the interest of maintaining good relations with the nearby reservation.

Letters (2):
- 22  o
- 8  f

5101.53  <block/clock>  floor/flood  (tripped, trapped toy, top)

Joey tripped as he came through the front door. He had carelessly left his toy block on the floor earlier this morning.

Letters (2):
- 19  b
- 11  o

Predictability Norms
FIVE LETTER WORDS

First letter changes

Verb or Adjective: Same Shape

5110.01 <dried/fried> sad/mad (cook, look had, has)

The sad cook realized that he had destroyed his casserole. He had forgotten that the recipe called for fried onions and parsley.

Words (18):
5 baking
4 salt, two
3 a
1 cream, eggs, four, fresh, garlic, noodles,
orange, parsley, pure, several, slower, sugar,
three, tuna

Letters (2):
21 f
9 d

5110.02 <cries/tries> darts/parts (time, tile loses, poses)

My brother is the biggest patsy there is. Every time he loses when we play darts he just tries again and again.

Words (15):
7 sits
4 throws
3 cries, pouts
2 runs, stomps
1 challenges, lays, lines, pounces, says, smiles,
stands, start, whines

Letters (2):
25 c
5 k

5110.03 <melds/welds> causing/pausing (stove, stone short, shorn)

Never leave your new stove running for an extremely long period of time. The intense heat welds nearby heating elements together, thus causing a short circuit.

Words (7):
15 will
7 may
3 could
2 can
1 is, melt, might

Letters (4):
25 x
2 h, (no response)
1 y
Our neighbor really loves to water his lawn and garden.

Words (18):
- work
- mow
- dance, garden, go, jog, play, water
- borrow, come, cut, eat, grow, make, plant, talk, use, wash

Letters (4):
- c
- w
- a

The zoo is never quiet. All night the hyenas will laugh, the bats will screech, the lions will prow in their cages, and the birds will be flapping and crying.

Words (5):
- roar
- pace, snore, were, yawl

Letters (2):
- g
- p

Every month General Motors fires hundreds of people. That's why they have such a big staff in their personnel department.

Words (18):
- sends
- makes, produces, puts, sells
- publishes:
- announces, awards, details, fires, gives, has, interviews, is, lays, manufactures, reports, runs

Letters (3):
- b
- f
- t
As the composer finishes the premiere of his new avant garde piece, one preselected person in the audience claps his hands together and cheers. Then everyone else knows the piece is ended.

Words (15):
- stood, will
- begins, stands
- began, gave, was
- applauds, cheers, clapped, comes, go, shouts, starts, (no response)

Letters (1):
- a

If you pull the lever while putting in a coin, the company's latest model machine sends cigarettes through the little slot in its side.

Words (4):
- will,
- guesses, take, takes

Letters (5):
- b

The rare oriental Ginko tree has today established itself from coast to coast in this country, because when the seeds were first introduced they were flown across the continent.

Words (23):
- distributed, spread
- carefully, planted, very
- adaptable, brought, carried, easy, found, new,
- prized, promoted, quick, scattered, seen,
- selected, sent, specially, transported, used,
- useful, well

Letters (3):
- b

The air was very tense in this smoke filled room. All the power brokers from both sides were meeting here before the convention -- and Brenda was the only reporter present.

Letters (2):
- d

Predictability Norms

5110.52 <rogue/vogue> cause/pause (whose, those lot, pot)
Vincent Reniere is that vogue fashion designer whose clothes always cause a lot of talk in Paris each year.

Letters(3):
10 F
11
FIVE LETTER WORDS

First letter changes

Verb or Adjective: Different Shape

5111.01 <looms/zooms> globe/glove (going, doing comet, covet)

People all over the globe are going into a state of panic as Halley's comet *zooms* over Earth's horizon.

Words(17):
6 comes
5 approaches
3 is
2 has, streaks
1 again, approach, came, coming, continues, enters, hurtles, moves, passed, passes, threatening, will

Letters(3):
15 g
10 o
5 b

5111.02 <loves/moves> fixed/mixed (know, snow why, who)

The girl that Ronna fixed me up with is just wonderful. I don't know why it is, but that girl really loves me. And I like it.

Words(13):
8 turns
5 is
3 knows
2 has, make, makes, reminds
1 attracts, knocks, perts, seems, understand, understands

Letters(2):
28 M
2 m

5111.03 <fudge/mudge> director/director (board, beard along, among)

"I hope the review board never finds out," whispered the research director, "but I know we can get this experiment done if we fudge it along a bit."

Words(19):
4 just
3 fudge, skip
2 have, keep, only, use
1 cheat, cut, divert, don't, fake, had, hurry, lied, pool, really, turn, work

Letters(4):
11 M
10 D
7 J
2 b
5111.04 <tears/wears> coats/costs (made, make report, retort)

Don't buy any coats made of this new synthetic material, because a recent report says it wears much too easily.

Words(13):
- is
- will
- can
- causes
- contains, disintegrate, dissolves, does, fall, may, sticks, tears, ten

Letters(2):
- t
- n

5111.05 <nasty/tasty> both/bath (and, end staple, stable)

The catfish is both an ugly and very nasty creature. It is a staple in the diet of many southerners.

Words(19):
- tasty
- mean, useful
- hard, important, tasteless
- bony, delicious, dirty, disreputable, fierce, good, interesting, nasty, obnoxious, prolific, slow, smelly, unsportey

Letters(3):
- m
- k
- h

5111.06 <cooks/looks> grand/gland (gal, pal way, hay)

Carol's a great gal. Not only do I like the way she looks but she also has a grand personality.

Words(17):
- looks
- cooks
- dresses, is, smiles, talks, walks
- acts, agrees, conducts, dances, does, look, sings, thinks, treats, works

Letters(2):
- a
5111.07 <boggy/soggy> hog/dog (woody, wooly, creek, cheek)  

Once the farmers had finished looking through the woody area for the lost hog, they had to go into the soggy area down by the creek.

Words(18):
- swamp, swampy
- barn, house, marshy, town
- caves, deep, meadow, nearby, neighboring, old, ravine, river, swamps, tall, village

Letters(3):
- f, a
- b

5111.08 <budge/judge> case/cane (getting, letting, refused, refuted)

The old Justice of the Peace is definitely getting senile. At the end of one case, he, for no reason, refused to judge for the rest of the day.

Words(18):
- let
- dismiss, hear
- allow, give, issue, pass
- accept, adjourn, answer, declare, finish, get, leave, pound, pronounce, sentence, tell

Letters(2):
- f
- b

5111.09 <fatal/natal> death/depth (leading, lending, are, age)

Some of the leading causes of early infant death are malnutrition, heart trouble, and fatal breathing problems.

Words(18):
- infant, sudden
- respiratory
- child, lack, parental, various
- abuse, allergic, an, cancer, catching, deformities, drug, even, improper, neglect, suffocation

Letters(3):
- f
- a
- v
5111.10  <rowed/towed> sinking/singing (out, but dock, rock)
The buoy was damaged by the storm and was in danger of sinking, so I went out in a small boat and towed it to safety at the dock.

Words(16):
- tried
- replaced
- attempted, fixed, pulled, repaired
- carefully, checked, drained, made, replace, rescued, tied, towed, try

Letters(2):
- 6
- 4

5111.51  <local/vocal> ire/ore (enraged, engaged calling, falling)
The company president was so enraged by the arrogant demands of the local teamsters union that he decided to vent his ire by calling a televised news conference.

Letters(1):
- 30

5111.52  <swirl/twirl> power/poker (bring, brink lines, lanes)
Matt's kite began to swirl violently as the wind picked up. He had to bring it down so it wouldn't get snarled in the nearby power lines.

Letters(2):
- 24
- 6

5111.53  <pried/tried> good/goop (just, must open, oven)
To their dismay, the workmen discovered that the manhole just would not open up. They tried it with a crowbar but it did no good at all.

Letters(3):
- 25
- 3
- 2

5111.54  <livid/vivid> wanted/panted (believe, relieve face, race)
You couldn't believe the livid color of the boss's face when he learned that his entire secretarial staff wanted to quit.

Letters(3):
- 20
- 8
- 2
Professor Latham, head of the Yale paleontological team, was very worried. Unless he could increase his finds, the University would never let him continue the current project he was working on.

Words(22):
4 funding
3 budget, research
2 student
daily, department's, employees, following, grant, income, number, output, productivity, publication, publications, publishing, salary, staff, staffing, success, value, yearly

Letters(2):
21 h
9 j

Polly claims that she's trying different kinds of diets. But her roommate says that she sneaks some fattening things out of the refrigerator, like candies, cakes, crackers, chips, and so forth.

Words(11):
10 ice
6 cakes
5 cookies
2 pastries
and, bread, cake, cheesecake, dates, or, sodas

Letters(2):
23 k
1 a

With the advent of multinational corporations, whose interests range from technology to agriculture, the small independent firms of America don't have the slightest chance of staying alive.

Words(13):
8 businessman
4 business, businesses, companies
2 corporation
1 company, corporations, firms, hasn't, investor, landowner, local, man

Letters(2):
16 l
14 a
When I moved out of my parent's house, I completely forgot to take all the socks that were laying on the closet floor.

Words (21):
- clothes
- records
- boxes, clothing, dirty, food, gadgets, junk, kitchen, laundry, linens, little, memorabilia, papers, plants, record, sheets, stuff, their

Letters (2):
- a, o

Because of their particular genetic origin, males are much more susceptible to natal and prenatal problems.

Words (15):
- the
- they
- this
- some
- American, certain, chickens, ducks, flatworms, inherited, it, men, monkeys, plants, (no response)

Letters (3):
- u
- a
- o

Early in life, each child must learn the social roles of his culture if he is ever to become a functioning member of society.

Words (18):
- graces
- skills, values
- codes, manners
- aspects, consequences, do's, implications, norms, pressures, requirements, role, rules, skill, standards, strata, strategies

Letters (2):
- u
- o
He stared intently through the east window at the strange appearance which the old panes gave to the courtyard beyond.

Words (17): 
- man
- building, woman
- barn, birch, buildings, cat, chair, church, cracked, elm, glass, hag, maid, mansion, room, witch

Letters (3): 
- I
- a
- I

The janitor was cleaning up the desks of some fired clerks when he found a pile of cords in one drawer. The manager said they belonged to the computer, and must have been stolen.

Words (27): 
- old
- cancelled
- blackmail, candy, cash, empty, filing, garbage, illegal, important, invoices, journal, letters, misplaced, money, orders, overdue, papers, personal, shit, shredded, stolen, threatening, uncashed, unfinished, unopened, unprocessed

Letters (2): 
- A
- (no response)

"As you drive, don't ever let your car cross over beyond the appropriate lines," the driving instructor told his pupil.

Words (15): 
- lane
- yellow
- line
- median
- boundary, center, colored, concrete, dotted, markings, revolutions, roads, safe, separation, speed

Letters (2): 
- A
- A
FIVE LETTER WORDS

Second letter changes

Noun: Different Shape

5201.01 <blood/brood> prevented/presented (rat, cat own, owl)
Survival of the fittest is the only rule of the game in nature. For example, a mother rat will cannibalize rat pups of her own blood, unless prevented otherwise.

Words(8):
12 if
9 litter
2 to, when, womb
1 in, offspring, who

Letters(2):
23 1 9
7 1

5201.02 <opals/ovals> rings/rungs (medal, pedal tiny, tidy)
The ornate medal was decorated with several concentric rings of tiny blue opals around its perimeter.

Words(20):
8 stones
2 and, sapphires, stars
1 beads, colored, diamonds, dots, enamel, flowers, jewels, lapis, leaves, metal, pieces, plastic, ribbon, ribbons, semi-precious, triangles

Letters(2):
22 V
8 P

5201.03 <smoke/spoke> looking/locking (that, what been, seen)
It was obvious from looking at the smoke of this motorcycle that it had been in a bad accident.

Words(25):
4 picture
2 mirror, test
1 animal, board, book, boy, car, condition, couple, damage, data, dog, grades, guide, kitchen, look, man, map, old, price, proofs, skid, sky, woman

Letters(2):
17 M
13 P
5201.04 <altos/autos> tour/sour (choir, chair, cross, crows)

Our choir is all ready to start its cross country concert tour. Before we leave, though, we have to make sure the altos are in top condition. After all, we don't want to be embarrassed by any accidents.

Words (18):
- bus
- reservations
- costumes; hotel, music
- busses, cheese, everyone, gowns, group, have, houses, instruments, itinerary, lights, robes, singers, travel

Letters (3):
- l
- u
- c

5201.05 <scout/shout> leader/lender (noisy, noise heard, heart)

On their first trip to Yellowstone, the noisy young campers were in for a nasty surprise. A marauding black bear apparently heard a shout and began heading toward the noise. Luckily, the troop leader had a gun.

Words (24):
- noise
- trash
- an, bit, camper, can, child, commotion, crash, cry, dinner, few, girl, horn, lot, new, party, shot, sound, strange, tasty, threatening, twig, woman

Letters (3):
- h
- g
- t

5201.06 <spool/stool> floor/flood (when, then saw, sat)

I think grandma had a fit again. When I went into her sewing room this evening she wasn't there, and I saw a stool and some scissors thrown carelessly on the floor.

Words (22):
- broken, note
- bottle, letter, pile, trail
- basket, big, box, bunch, chair, huge, lamp, large, mass, mess, messy, old, pair, pincushion, project, unfinished

Letters (2):
- p
- k
Tim and Ed know that the porch needs painting, but they just sit around the house like a pair of boobs. Those two boys are the laziest bums in the whole family.

**Words:**
- lazy
- bumps
- bums, old
- alligators, bookends, dogs, dumb, goofballs, kids, lumps, nerds, procrastinating, socks, stupid, tired, wooden, worn

**Letters:**
- 16 (2)
- 14 (1)
FIVE LETTER WORDS

Second letter changes

Verb or Adjective: Same Shape

5210.01 <patch/pitch> playing/slaying (car, cat tried, cried)

Some local boys were playing softball in the empty lot when a car ran over their ball. The pitcher tried to patch the ruined ball but it was no use. The ball could just not be used, and they had to get a new one.

Words (17):
- get
- stop, throw
- grab, recover, reshape, retrieve, save
- catch, convince, find, fix, keep, repair, rescue, use, warn

Letters (2):
- 25
- 1, A

5210.02 <backs/bucks> job/jab (now, not much, such)

In the 60's, Mike was totally anti-establishment and anti-authoritarian. Now that he has an executive job at Sears he backs authority as much as he possibly can.

Words (8):
- has
- is
- seems
- had, loves, realizes, seeks, supports

Letters (2):
- 29
- A, u

5210.03 <snore/swore> night/fight (last, past, tired, hired)

Yes, I know that I swore and I apologize. But last night I was so tired and so drunk that I couldn't control myself.

Words (10):
- am
- have
- need, promised, should
- I, can, feel, long, will

Letters (4):
- 14
- c, t
- A, w
The longshoremen planned to heist some boxes of gold from the ship they were unloading, but they did not have the right equipment.

Words (18):
- strike
- go
- buy, retire, sail, take
- blackmail, complete, depart, have, leave, reevaluate, restock, revamp, settle, spend, unload, work

Letters (2):
- 22 q
- 8 a

"Do you think that an academic community that fosters a free exchange of ideas also creates an atmosphere that mates conflicting theories and opinions?" the speaker asked.

Words (18):
- is
- promotes
- encourages
- allows, causes, encourage, excludes, fosters, give, intimidate, invites, may, our, restraints, secludes, spur, stimulates, supports

Letters (4):
- 20 a
- 11 e
- 7 t
- 1 i

I never saw my brother smash the watermelon behind the barn, but I know he did it. Still, I couldn't prove it when my parents asked me where the missing melon was.

Words (16):
- so
- after, before, get
- act, again, do, eat
- cry, graduate, hit, kiss, lose, talk, two, work

Letters (5):
- 11 n
- 10 m
- 7 i
- 1 n, s
5210.07 <binds/bonds> tight/light (formula,formulicause,pauses)

The FTC plans to ban all public sale of the new glue formula because it binds together any kinds of materials so tightly that it could very well cause some very bad accidents.

Words(15): contains is can, causes, has might, sticks adheres, cause, does, ecologically, produces, smells, stuck, very

Letters(3):

5210.08 <pecks/picks> cleaner/gleaner (stays,stabs,grubs,grabs)

The so-called cleaner bird of Africa stays around a large animal such as a rhino or zebra and pecks off grubs and parasites from its skin.

Words(14): picks cleans, eats act, catches, chews, devours, feeds, feels, helps, pick, preys, wait

Letters(4):

5210.09 <exact/exact> property/properly (taxes,tapes,brunt,blunt)

The town is in dire need of money for its school system. The council's solution is to exact more taxes. So, it looks like the local businesses and property owners are going to bear the brunt of the burden again.

Words(17): have raise close, tax sell auction, cancel, conduct, create, decrease, fire, hold, increase, make, offer, propose, vote

Letters(3):
5210. 10 <wends/minds> mother/bother (here, herd far, fad)

"The fact that you brought your dirty hippie friend to live here with us is bad enough," yelled Sally's father to his daughter. "But now he even asked your mother if she mends old clothing. That is going too far."

Words (11):
- would
- will
- wants
- can, could, go, minded, smokes, want, wanted,

2. wouldn't

Letters (2):
26

5210. 11 <wArms/worms> will/wall (good, food even, ever)

I think charity and good will eventually worms its way into even the hardest of hearts.

Words (17):
- will
- be
- prevail
- become, come, win
- can, cease, die, end, help, make, overcome,
- rule, soften, triumph, yield

Letters (3):
25
3. (no response)
FIVE LETTER WORDS

Second letter changes

Verb or Adjective: Different Shape

5211.01 <flesh/fresh> nurse/purse (wash,lash dress,press)

Yesterday at school we were taught how to give someone first aid. One of the things the nurse taught us was how to wash and dress a flesh wound, and treat the person for shock.

Words(13):
  16 wound
  3 cut
  1 badly, deep, first, fractured, green, monkey,
puncture, scraped, severe, severly, third

Letters(2):
  2 s
  9 e

5211.02 <abuse/amuse> find/fine (those,these seem,deem)

Those Joneses always seem to find something with which they can amuse their children.

Words(24):
  2 argue; complain, get, make, show, try
  1 amaze, bargain, better, brag, create, derive,
enjoy, fight, find, flaunt, gripe, impress,
keeps, mend, sell, twist, use, win

Letters(3):
  25 e
  4 m

5211.03 <smell/spell> eat/ear (surely,purely taste,paste)

Although it is true that I can't smell avocados, I surely do love to eat them! Their taste is unique.

Words(17):
  6 sing
  4 swim, type
  2 see, smell
  1 come, demand, do, know, make, pick, play, quite,
run, sit, sleep, win

Letters(3):
  23 e
  6 m
Of all the rock stars today, Ted is the most unusual. He can't stand noisy crowds of screaming teens. He often *shuns* his fans by simply walking out of a room without talking or even waving to anyone.

Words(22):
  6 wears
  2 hides, leaves, stops
  1 avoids, calms, cancels, chooses, completely,
  goes, like, prefers, puts, screams, seeks, sits,
  sneaks, stages, tells, tries, turns, used

Letters(3):
  19 h
  10 a
  1

As it was pulled out of the net, Jacques felt an urge to reach out and touch the *spiny* skin of this fascinating fish, a living fossil, to see if it was real. He knew, however, it could be *deadly* poisonous.

Words(25):
  3 fish
  2 dolphin, great, strange
  2 ailing, beautiful, bright, drugged, face, fish's,
  fuzzy, giant, lobsters, magnificent, mysterious,
  newly, octopus, scaly, sea, shimmering, slimy,
  trout, vibrantly, wet, wriggling

Letters(2):
  25 h
  5

After working in the vegetable garden all morning, dad went inside the house and *slept* for a couple of hours. For a day off, he sure *works* pretty hard.

Words(15):
  9 took
  3 drank, fell, washed
  2 rested
  1 after, ate, bragging, fixed, got, had, made, sat,
  some, turned

Letters(2):
  26 l
  4
5211.07 <spray/stray> lawn/laws (stuck, stunk catch, watch)
The dog stuck out his tongue in a vain attempt to catch the spray droplets from the lawn sprinkler.

Words (19):
- fly
- last, rain
- small, snow
- be, bone, butterfly, duck, elusive, falling,
- goodie, morsel, mosquito, red, rolling,
- snowflakes, the, water

Letters (2):
- p
- t

5211.08 <showy/snowy> ski/sky (hotel, motel, resort, report)
The manager was very proud of the beautiful appearance of the snowy grounds of the mountaintop hotel and ski resort.

Words (17):
- store
- new
- newly
- restaurant
- Christmas, cash, display, flowers, landscaping,
- lawn, del's, office, plants, pretty, prize,
- singer, window

Letters (4):
- n
- h
- t

5211.09 <clash/crash> giant/grant (awake, aware ships, shops)
During some battles of the war, people in the coastal towns were kept awake by the navy. When two giant destroyer ships crash, you can hear it all over the coast.

Words (24):
- collided, fought
- exchanged, meet
- arrived, began, begin, blew, bombarded, came,
- collide, come, crashed, crossed, docked, engaged,
- fired, held, hit, met, shelled, start, started,
- were

Letters (2):
- f
- t
The tugboat captain was nervous. He didn't like the company's bright idea of having him tow a shaky caravan of eight barges down this narrow river.

Words (25):
- barge
- ship
- whale
- Russian
- barged
- boat
- brand
- burning
- damaged
- dead
- dozen
- garbage
- load
- loaded
- mile
- naval
- nuclear
- paper
- party
- rowboat
- sailboat
- steamship
- string
- weight
- yacht

Letters (6):
- n
- o
- p
- (no response)
FIVE LETTER WORDS

Third letter changes

5300.01 <miner/miser> count/mount (day, way, dark, dank)

They say that every day that old miser would sit in his dark little room and count every last precious piece of his gold.

Words(17):
10 man
4 woman
2 geezer
1 Indian, Joe, bridge, cat, codger, coins, cow, fart, folks, horse, lady, men, stove, world

Letters(2):
24 n
6 u

5300.02 <major/mayor> torn/town (would, could, wearing, bearing)

You would never know he was a very important man, said the secretary, pointing to the major. There, in the corner, was a scruffy, unshaven man wearing an old torn raincoat.

Words(24):
2 empty, man, picture, portrait, scruffy, shabby
1 beat, boss, casually, clock, desk, disheveled, little, messy, mousy, rather, shaggy-haired, shoddiness, slop, sloppy, small, spartan, sport, unpretentious

Letters(3):
17 v
10 t
3 n

5300.03 <beach/bench> walks/walls (spent, spend, when, then)

I'll never forget the summer my wife and I spent on Long Island. After dinner we'd take a long enjoyable walk, and when it got dark we'd sit on a beach and look out at the beautiful ocean.

Words(12):
8 bench
6 porch
4 park
2 blanket, rock, swing
1 bluff, friends, hill, log, picnic, pier

Letters(2):
20 n
10 k
It doesn't pay to shop downtown. While we were shopping for furniture the other day, we found that even the sofas were very expensive. We knew right then that nothing was going to be cheap.

Words(20):
7 parking
3 sale
discount, furniture
1 best, biggest, chairs, cheapest, cheaply, cost,
expensive, foot, old, prices, sales, second,
simplest, smallest, sofa, store

Letters(3):
28 á, (no response)

The engineer reported that all sizes of the new nuclear reactors on the base are profusely labeled with signs proclaiming "DANGER: RADIATION!"

Words(8):
13 the
6 was
2 systems
of
1 facts, had, information, signs

Letters(4):
20 t
d
6 z
1 v

"If you could see what our old house in the city looks like today," my sister told me over the phone. "It's really a shock, you'd be appalled."

Words(21):
3 beautiful, run, wreck
dump, shame, very
1 amazing, an, change, charming, cute, delapidated,
delight, different, horrible, large, neat, pit,
sad, show, whole

Letters(2):
17 a
13 o
Predictability Norms

5300.07 <glass/gloss> pesky/perky (would, could tools, pools)

If the Brouwers would have only kept their pesky little kid from playing with tools and chemicals from the toolshed, then the glass on my new car might never have been ruined.

Words(13):
6 fire
5 accident, child
3 house, kid, whole
1 horrible, kids, little, place, plants, toolshed, unfortunate

Letters(2):
29 a
1 (no response)

5300.08 <medal/metal> trade/trace (make, made melted, belted)

"Copper and silver are very expensive nowadays, you know, and you make good money by trading it in," Fred explained to his wife. "That's why I sent the old metal stored in the cabinet to be melted down."

Words(21):
5 coins, silverware
4 copper, ring, silver
2 English, candle, codger, coin, frame, lamp, necklace, pans, pennies, platters, quarters, rings, sterling, stuff, tray, watch

Letters(3):
13 a
1 a

5300.09 <flash/flush> red/rod (face, pace, night, sight)

Her face turned red in a flash when I mentioned where her old boyfriend was last night.

Words(16):
7 second
5 fit
3 moment
2 flash, matter
1 blush, crowd, few, hurry, most, planned, short, truely, vain, very, wave

Letters(3):
20 a
9 u
1 t
I don't think the panda bears will breed in captivity, because the zoo has tried quite a few mates on their female bear, but she has rejected them all.
FIVE LETTER WORDS

Third letter changes

Noun: Different Shape

5301.01 <label/lapel> found/round (most, host torn, worn)
I almost bought one of the most attractive and inexpensive suits I’ve ever found, but I was afraid something was wrong when I saw that the label had been torn and restitched.

Words (14):
- price
- suit
- button, coat, hem, label, left, lining, pricetag, seam, store, tags, yarn, (no response)

Letters (2):
- h
- r

5301.02 <holes/homes> rats/rags (slums, slurs fit, lit)
I don’t see how people can live in those homes down in the slums. I don’t even think they’re fit for rats to live in.

Words (22):
- small
- houses, kinds, little, squalid
- awful, bamboo, broken-down, cheap, cities, cow-dung, disgusting, igloos, noisy, old, poverty, ramshackle, rancid, rat-ridden, run, slums, type

Letters (2):
- 1
- m

5301.03 <tapes/taxes> trial/triad (been, seen place, peace)
If the special prosecutor had been allowed to examine the president’s tapes, there’s sure the judge would have let a trial take place.

Words (20):
- tapes
- files
- behavior, body, correspondence, documents, evidence, file, financial, handwriting, home, journals, letters, mind, paper’s, papers, personal, records, savings, taps

Letters (4):
- d
- k, l
5301.04 <hulks/hunks> bay/way (divers,dicers lying,tying)
The skin divers reported they saw some giant hulks of old shipwrecked vessels lying on the bottom of the bay.

Words(18):
- octopus
- sharks
- squid
- eels
- squids
- starfish
- catfish
- coral
- fish
- flora
- green
- metal
- monster
- porpoises
- seasells
- sponges
- worms
- wreckage

Letters(4):
- l
- s
- c

5301.05 <cages/caves> bears/beers (bears,boars eat,mat)
Fewer and fewer people today know anything about what nature is really like. No doubt that some ignorant city people probably believe, say, that bears live in cages or eat nuts and berries.

Words(17):
- cages
- zoos
- the, trees
- a, cages, condos, fully, giant, hollow, hollows, houses, just, sheds, tents, three, tunnels

Letters(2):
- g
- y

5301.06 <males/mares> breed/bleed (rest, best gene, gone)
During the breeding season the younger males are separated from the rest of the herd so that we can control the gene pool. This is the only way to breed a superior horse.

Words(22):
- animals
- birds
- mares, ones
- bears
- bucks, buffalo, bulls, cats, dogs, fish, girls, locust, male, males, monkeys, mosquitoes, of, prairie, siblings, sparrow, squirrels

Letters(3):
- l
- t
- r
The television crew looked for the missing "mikes" in the back of all the studios and in almost all the rooms in the TV station's offices. But they were nowhere to be found.

Words(19):
- camera
- cameraman
- cable, part
- actor, battery, bit, body, boy, color, company, lens, long, man, parts, table, talk, television, (no response)

Letters(4):
- k
- l, n
- r

One biologist decided to spend the rest of his career studying "pumas" because he thought they were so fascinating.

Words(19):
- the
- how
- altered, bacteria, biological, carcinogens, certain, diseased, genetic, genetics, germs, hobbies, marine, microorganisms, nature, plant, reproductive, squirrels, viruses

Letters(5):
- m
- p
- b, k, y
FIVE LETTER WORDS

Third letter changes

Verb or Adjective: Same Shape

5310.01 <feeds/fends> bears/boars (off, oaf, where, there)
As a precaution against any possible, but unlikely, accidents, the zookeeper always feeds the bears off away from the fence where people are watching them.

Words (18):
5 keeps
3 carries, locked, locks
2 checks, feeds
1 carried, follows, had, has, keep, kept, maintained, sedates, the, used, wears, wore

Letters(3):
28 e
1 a, u

5310.02 <perky/pesky> basic/basin (that, what, yapping, yipping)
Life is miserable with my new roommate, Tim. The basic problem is that his perky little dog is yapping constantly.

Words (18):
5 stereo
4 clothes
2 feet, habits, idea, personality, room
1 cigarette, ego, girlfriend, mother, mouth, nose, personal, pet, side, sleeping, sloppiness

Letters(4):
18 r
10 s
1 w, (no response)

5310.03 <hides/hikes> ranger/danger (house, house, have, hate)
My son Don would rather be outside with nature instead of hanging around the house. But every time that boy goes and hikes out in the woods, we have to call the ranger because he always gets lost.

Words (17):
6 plays
4 tries
2 communes, explores, gets, hikes, leaves
1 camps, catches, climbs, comes, does, he, loses, outside, trys, wanders

Letters(2):
22 d
8 k
5310.04  <barks/basks>  irritate/irrigate  (pup, pop porch, pouch)

In the summer our pup goes out on the porch and barks in the hot sun while people walk by on the street. We're afraid he'll get sunstroke as well as irritate passers-by.

**Words (16):**
- sleeps, watches
- barks
- howls, sleep, stays
- chases, lays, romps, scratches, screams, slepts, takes, whines, yelps, yips

**Letters (2):**
- 18 R
- 12 s

5310.05  <dines/dives>  works/worms  (great, treat shore, store)

Paul, a great athlete and an Olympic hopeful, is having a wonderful summer at his seaside training camp. All day he works out at the gym and then, in the evening, he dives near the shore.

**Words (15):**
- go, relaxes
- runs, swims
- jogs
- charms, dances, dates, eats, gets, lays, parties, trains, walks, works

**Letters (4):**
- 16 V
- 12 n
- 1 e, h

5310.06  <loses/loves>  guy/gun  (man, fan have, save)

My sister just broke the news to my dad: she's living with a man. Personally, I really hope she loses that guy. You should have a good reason to get yourself in that kind of trouble.

**Words (18):**
- is
- doesn't
- knows
- breaks
- can, changes, decides, get, gets, happy, isn't, leaves, made, makes, marries, never, will, works

**Letters (2):**
- 22 V
- 8 e
Grandpa's in the hospital again. I get upset every time he's in there, because I know he's just a bad hypochondriac. This time he's in for a nasal infection. Did you ever hear anything so silly?

Words(19):
- pain
- supposed
- an, back, bad, big, case, common, contorted,
- lower, new, persistent, phony, real, sprained,
- stomach, surprise, test, ulcer

Letters(3):
- a
- Y
- t

We were watching a mallard swimming in the pond when my curious son Don asked me why it kept going underwater. "The little bird ducks his head underwater in order to get food," I explained.

Words(10):
- is
- eats, finds
- dives, dunks, feeds, goes, keeps, look, looks

Letters(3):
- e
- n
- u
FIVE LETTER WORDS

Third letter changes

Verb or Adjective: Different Shape

5311.01 <files/fines> parking/barking (get, set records, rewards)

When people get parking tickets or other minor traffic violations, the town hall establishes fines for them. The records of the violations might even be kept permanently.

Words(9):
- criteria, fines, it, lines, set, them, vigilantes, warning

Letters(2):
- 10 p
- 1 t

5311.02 <taidy/talky> dollish/doltish (how, now start, stare)

I don't know how in the world I'm going to introduce my fiancee to a wild collection of relatives like mine. Should I start with my dollish little niece or my talky old Aunt Hattie Mae?

Words(28):
- crazy, fiendish
- alcoholic, apish, bald, boorish, brother, crochety, doltish, drunken, football, glaring, grumpy, hippie, hulk, insipid, lecherous, little, loud, nice, prudent, radical, shrewish, soldiering, sour, stuffy, stylish, young

Letters(2):
- 20 c
- 10 t

5311.03 <relay/repay> person/parson (the, toe never, sever)

Don is the kind of person who'll never repay a compliment.

Words(22):
- give
- amount, be, let, make, say, tell
- accept, admit, ask, complain, cram, earn, get, go, impose, lie, saw, see, succeed, turn, wear

Letters(3):
- 24 p
- 5 t
- 1 t
5311.04  <takes/tapes> bring/brink (buy, boy not, now)

My sneaky little brother takes all the new records I buy. I'm not going to bring any more home.

Words(20):
- stole
- always, found, took
- ate, deserves, goes, got, hid, left, listens, played, ran, read, shot, spied, teases, thought, tried, tries

Letters(3):
- k
- p

5311.05  <takes/tames> jungle/jingle (hires, hares later, lamer)

The circus hires an independent and highly trained professional, who takes the large animals right from the jungle and passes them on to the circus people later.

Words(16):
- can
- does
- is, takes, trains
- manages
- acts, arranges, critiques, entertains, feeds, knows, promotes, runs, scouts, will

Letters(5):
- k
- m
- t, x

5311.06  <wipes/wires> install/instill (bad, sad lab, tab)

Dr. Poul apologized to the visitors for the bad condition the electrical lab was in. "Once the technician wipes up that mess on the workbench, we can install the monitor assembly into the transmitter set," he explained.

Words(20):
- is
- finishes, quit
- arrives, gets, returns
- began, blew, finished, forgot, get, had, has, left, moved, pulled, realized, repairs, see, works

Letters(5):
- c
- p
- s, v
- t
My partner took me into the saloon to have a few beers and to give me some advice about the town's strongman, Jake Reeves. "If you insult his family to his face, it raises him into a state of hysterical anger. I know. I tried it once."

When I saw Carter talk on TV last night, I thought if he lets the hostage situation delay any more, then later retaliatory action will become less rapid.

I don't know when the state is finally going to have the new access roads paved, but their delay is holding up the interstate highway construction plans.
The old bum who lives downtown always sits on the park bench near the bank at noontime and gazes at the young women walking by.

Words (15):
- begs
- feeds
- asks, drinks, guzzles, smokes, waits, watches
- dozes, dreams, during, fidgets, fishes, panhandles, sulks

Letters (8):
- Z
- B
- g, s
FIVE LETTER WORDS

Fourth letter changes

Noun: Same Shape

5400.01 <hulks/hulls> boats/goats (sea,set along,among)
It is said that the giant hulks of ancient sunken boats litter the sea floor along the Magellan Strait.

Words(28):
2 sea, was
1 LochNess, amaryllis, at, ate, bee, cactus,
climbed, climed, coleus, condor, eats, had, has,
insects, luna, octopus, panda, pinto, redwoods,
roamed, sloth, spider, stole, swallowtail, taco,
tomatoes

Letters(4):
19 k
8 l
1 e
1 r

5400.02 <bribe/bride> stave/shave (chief,thief man,men)
Reluctantly, the chief gave the bribe to the medicine man in order to stave off the impending revolt of the braves.

Words(24):
5 order
2 fireman, signal
1 braves, burnt, casserole, child, control, cowboy,
go-a-head, group, it, land, man, peace, reward,
sad, squaw, story, termination, thief, tribal,
warrior, warriors

Letters(4):
16 d
12 p
1 r, t

5400.03 <shame/share> others/otters (own,owl taking,raking)
In the eyes of others outside the family, the Godfather had increased his own shame by ruthlessly taking over the territories controlled by his brothers.

Words(15):
11 power
4 wealth
2 fortune, reputation
1 assets, feeling, hold, image, importance,
influence, position, protection, realm, stature,
status

Letters(3):
19 r
6 m
5 p
According to all my friends who have visited there, Arizona's unique charm is fascinating to tourists.

Words (11):
- climate
- landscape
- desert
- beauty
- scenery, (no response)
- environment, terrain, topography, vegetation, weather

Letters (2):
- 29 r
- 1 f

The park rangers reported that they could see the lost camper's flare from miles away up in the Southeastern observation tower.

Words (21):
- orange
- fire, tent
- footprints, trailer
- bag, camp, campfire, car, clothes, flair, flare, hat, jacket, light, on, reflective, small, tracks, trail, white

Letters (2):
- 18 r
- 12 m

The FBI has secret files documenting the ambassador's covert deals with PLO officials.

Words (11):
- files
- agents
- information
- combinations, documents, file, investigations, plans, sub-organization, weapon, weapons

Letters (1):
- 30 e
5400.07 <leach/leash> later/layer (why, who, there, where)

We wondered why the dog was whining and yelping so pathetically all day. Later I found there was a leach on him that caused the problem.

Words(13): thorn
burr, cat
splinter, stone
chain, large, needle, skunk, sliver, small,
tack, tick

Letters(2): a

5400.08 <books/boots> stove/shove (picked, packed, put, pot)

Pauley picked up his wet books, which had been in the snow, and put them near the stove to dry.

Words(18): shoes, swimsuit, towel
bathing, boots, coat, jacket, suit, swim
diaper, dream, noodles, notebook, raincoat,
shirt, sock, toothbrush, underpants

Letters(2): t

5400.09 <price/prize> killing/filling (for, fox would, could)

Agent Saunders knew that the price for killing the revolutionary leader would be execution.

Words(24): man
assignment, bomb, mission, suspect
Russians, area, bank, butler, chicken, file,
formula, jig, men, message, most, murderer,
narcotics, only, president, program, spy, vital,
way

Letters(5): a
d, m

+ One of the critical words, leach, is an incorrect spelling of leech. This sentence was included because of an oversight.
Predictability Norms

5400.10 <glare/glaze> shiny/spiny (out, but bright, blight)

As it came out of Clem's car wash, the glare on the car was so bright and shiny that I had to shield my eyes.

Words (12):
- car
- Lincoln, antenna, Buick, bus, Cadillac, Cadillac's, elephant, fire, limousine, old, owner

Letters (4):
- r
- z
- d, s

5400.11 <blare/blaze> atone/alone (curse, curve ran, raw)

I wish I could atone for every curse I made at Sargent Doyle. Yesterday I was shot in battle and Doyle ran straight into the blaze of rocket fire to save my life.

Words (17):
- line
- fire
- enemy, field, fray
- battlefield, enemy's, foxhole, gun, gunfire, heat, medical, melee, path, shelter, thick, (no response)

Letters (4):
- z
- d
- k, r

5400.51 <fires/firms> light/fight' (growing, glowing have, pave)

The FBI was called in to investigate the growing number of suspicious fires that have appeared lately in the downtown's "red light" district.

Letters (2):
- q
- m

5400.52 <parks/parts> mayor/major (crime, prime rates, fates)

The mayor ardently demanded that police protection be doubled in all those parts in the downtown area that have been reporting high crime rates recently.

Letters (2):
- 1
- 1
5400.53 <sagas/sages> times/dimes (poet, port times, tomes)

No modern poet could ever hope to equal the brilliant sagas of ancient times. There will never be another Homer or Virgil -- of that I'm sure.

Letters(3):
21 a
go
FIVE LETTER WORDS

Fourth letter changes

Noun: Different Shape

5401.01 <cases/casks> party/panty (carry, curry, our, fur)

The boys went down to the cellar to carry up the cases of our finest red wine to the party. It's sure to impress our guests.

Words(26):
- old
- Christmas, fruit
- apple, apples, beer, big, bottles, boxes, canned, crates, extra, firewood, folding, garbage, jugs, ladder, laundry, piano, potatoes, sine, table, things, twenty, wine, year's

Letters(3):
- e
- k
- t

5401.02 <snake/snare> vet/vat (nasty, hasty, blood, brood)

Our dog was hurt while we were out hunting. He got a nasty wound caused by a snake and was losing a lot of blood. We had to stop and take him to the vet.

Words(24):
- stray
- barbed, porcupine, shot, thorn
- another, badly, bite, broken, bullet, cactus, fox, gunshot, hunter's, neglected, pellet, raccoon, roused, rusty, snake, snare, trap, wild, wounded

Letters(2):
- k
- r

5401.03 <shade/shape> swamp/stamp (after, alter, still, stall)

Let's keep that old swamp maple in our backyard. After all we have no tree to replace it and its shade is still very nice.

Words(15):
- a
- been
- branches, really, the
- color, shade
- almost, giving, just, leaves, roots, sentimental, sentimentality, too

Letters(3):
- d
- m, p
The Millers had hoped that their oldest son Harry would gain some kind of prize from showing his blue-ribbon pig at the country fair.

Words (13):
- recognition
- respect
- confidence, experience, reputation, self, skill, understanding
- employment, national, self-confidence, training, useful

Letters (2):
- a
- d

From the top of the barn the horse could be seen running across the field toward the old farmer's house.

Words (21):
- boy, rooster
- bird, entire, farmer, view, whole
- birds, cat, city, farm, fields, kids, man, one, pigs, river, shingles, weather, world, young

Letters (2):
- a
- d

Each guest had his or her name printed on a little card which was near their plate at the dining table.

Words (13):
- place
- plate, seat
- assigned, chair, designated, dinner, families', heart, his, ice, plates, water

Letters (2):
- k
- d
The engineer agreed that the plutonium is now in a highly dangerous state, but he assured the NRC officials that the control rods can nip any possible dangerous reaction in the bud in a matter of seconds.

I found that my missing glove was in the high school's lost-and-found.

"I'll never forget the hearty grins of those courageous pilots as I shook their hands right before I sent them on that suicidal mission," the captain mused.
Predictability Norms

5401.10  <clubs/clues>  mystery/mastery (site, rite hoping, roping)

The detective carefully inspected the clues around the murder site, hoping for any possible answer to the mystery.

Words (22):
- fingerprints
- done
- dead, evidence, room
- artifacts, bills, bloody, carpet, clues, corpse's, doorknob, gun, handle, house, knife, murder, school, set, size, unlocked, upstairs

Letters (4):
- 26 e
- 2 D
- 1 u, (no response)

5401.51  <spike/spire>  stony/story (chunk, chink jutting, putting)

The last earthquake had forced a huge chunk of bedrock up through the surface. Now Dan has an enormous stony spike jutting up in his backyard.

Letters (5):
- 18 k
- 7 n
- 3 c, (no response)

5401.52  <beads/beans>  necks/decks (order, older ward, warm)

The Maraguri medicine men wear magic beads around their necks in order to ward off evil spirits and dangerous animals.

Letters (2):
- 25 d
- 5 n

5401.53  <poems/poets>  study/studs (why, who writing, waiting)

Sixteenth century English poets are Professor Helmshutz's field of study. That's why everybody was so surprised when he began writing movie reviews for the Tribune.

Letters (2):
- 24 k
- 6 m

5401.54  <shops/shows>  fit/pit (spent, spend long, lone)

Toni and I spent our long weekend going to all the shops in downtown Manhattan that we could possibly fit into the limited time we had.
5401.55 <signs/sign> talk/walk (tell, yell, going, doing)

Tom could tell from some signs in the audience that his talk was not going well at all.

Letters(1):
30 n
FIVE LETTER WORDS

Fourth letter changes
Verb or Adjective: Same Shape

5410.01  <clamp/clasp>  hands/hangs  (those, these  bar, car)
Whenever I'm in one of those roller coasters I clamp my hands firmly
around the protective bar and squeeze my eyes tightly shut.

Words(12):
13  get
5  feel
2  always, scream
1  become, begin, close, closes, clutch, fell, throw, turn

Letters(2):
22  a
8  m

5410.02  <beams/bears>  wax/tax  (car, bar  fading, wading)
The wax on your car protects the paint from fading as the bright midday
sun beams down on it, creating intense heat.

Words(10):
15  beats
3  burns, shines
2  bleaches, is
1  beams, causes, oxidized, tries, trys

Letters(3):
24  t
5  m
1  d

5410.03  <black/blank>  storm/stork  (right, might  middle, muddle)
During last night's storm, the TV screen went blank right in the middle of
the family's favorite program, Little House on the Prairie.

Words(10):
14  blank
4  out
3  on
2  black, fuzzy
1  completely, dark, funny, gray, white

Letters(3):
23  n
6  c
1  a
5410.04 <trail/trawl> sonar/solar (plan, play: fishing, wishing)
The devious plan was for the fishing boat to trail behind the submarine, so that they could not be distinguished by the enemy's sonar.

Words(22):
sink 7
run, sail 2
appear, be, capsize, come, crash, cross, decoy, dispose, dock, go, hide, hit, make, overturn, send, slip, soundlessly, submerge, tip

Letters(3):
1

5410.05 <shady/shaky> rumor/humor (least, leash until, untie)
Grandpa ran an awfully shady business, so rumor has it. You've at least got to give him credit, though, for supporting himself until he passed away.

Words(17):
high 6
long 4
fast 3
big, strict, tight 2
bad, disorganized, fever, good, loose, lot, messy, race, slow, strange, successful

Letters(3):
1

5410.06 <lease/leave> sure/surf (house, mouse moved, mowed)
The Blairs were sure that their house was haunted and they moved to leave it immediately.

Words(6):
a 16
another 6
the 5
California, an, get

Letters(3):
1
FIVE LETTER WORDS

Fourth letter changes

Verb or Adjective: Different Shape

5411.01 <heady/heavy> scent/scene (came,cave scent,scant)
From the princess's chamber came the heavy scent of exotic perfume.

Words(19):
9 sound
2 frog, prince, sounds
1 blood, chatter, cry, groan, lady, laughter, maid,
order, overwrought, princess, queen, sinister,
surprised, velvety, word

Letters(3):
28 y
1 t, (no response)

5411.02 <finds/fines> bank/bark (banks,tanks presses,dresses)
Frank keeps borrowing more and more money from all the local banks.
"Everything's going to be o.k.," he claims, "as long as no bank ever finds
me or presses charges."

Words(16):
6 checks, finds
2 asks, calls, talks, turns
1 catches, comes, demands, does, forecloses, knows,
makes, says, tries, wants

Letters(3):
24 d
5 e
1 o

5411.03 <curbs/cures> eat/pat (men,ten diets,dirts)
"I've seen men with big appetites before, but there's nothing to compare
to the likes of Norman," said Steve. "He's tried a million diets, but there
is nothing that curbs that enormous urge to eat."

Words(11):
7 can, seems
4 will
3 helps, works
1 conforms, has, he, keep, satisfies, stops

Letters(3):
16 e
13 b
1 r
5411.04 <calls/calms> bad/mad (bad, bed grandma, grandpa)

Whenever there's a bad thunderstorm, Norbert calls grandma, so she won't get worried and nervous.

Words (15): hides runs hid always, can, closes, crawled, crawls, cries, go, our, quickly, takes, the, watches

Letters (2):  

5411.05 <brace/brake> crash/clash (car, cab way, pay)

The driver of the white car was ready to brake for a crash when the drunken driver swerved his vehicle out of the way of the oncoming traffic.

Words (20): go race, start back, fight, speed call, change, cross, fall, get, leave, make, pass, pull, rip, run, snatch, strangle, turn

Letters (3): k v

5411.06 <scaly/scary> pointed/painted (slapped, snapped him, his)

Freddie picked up the scary lizard and pointed it at his sister. She yelled and slapped him in the face.

Words (22): phone, book, morning, paper, rock apple, bat, big, cat, clock, dying, fiddle, gun, hose, last, newspaper, orange, quarter, receiver, sticks, tickets, wet

Letters (2):
5411.07 <inept/inert> hardy/handy (sorry,worry dolts,colts)

"I wish I had some hardy workers in my crew," complained the line foreman, "rather than this sorry bunch of inept dolts that I have now."

Words(18):
- lazy
- bums
- jerks, losers, weaklings
- good, good-for-nothing, goof-offs, hippies, loafer, loosers, neer-do-wells, pansy-ass, parasites, screw-offs, workers, worthless, young

Letters(3):
- lazy
- bums
- jerks, losers, weaklings
- good, good-for-nothing, goof-offs, hippies
- loafer, loosers, neer-do-wells, pansy-ass
- parasites, screw-offs, workers, worthless
- young

5411.08 <bulgy/bulky> tail/tall (fancy,fangy had,has)

The fancy goldfish had huge bulgy eyes and a long frilly tail.

Words(13):
- fins
- gills
- eyes
- bulging
- bright, colorful, dorsal, green, grotesque, orange, pectoral, stripes, white

Letters(4):
- g
- k
- l
- b

5411.09 <alike/alive> deck/desk (both,bath world,world)

It was amazing that both coelencanth specimens were alive, thought Doctor Taylor, as they were pulled up on the trawler's dock. The biological world will be astounded.

Words(19):
- found
- exactly, still
- in, missing
- a, at, captured, eating, growing, had, identical, intact, negative, of, preserved, similar, so, stolen

Letters(5):
- k
- v
- b, g, n
5411.10 <spiky/spiny> rock/rack (face,fame scared,spared)

The frightening face of the spiky lionfish popped out from under the rock and scared the aquarium visitors.

**Words(21):**
- monster
- Halloween, man, old, thief, war
- burglar, child, dead, dog, girl, killer, lion, little, mugger, scarecrow, scared, skeleton, small, wizard, women

**Letters(6):**
- n
- c
- t, (no response)
- d, k

5411.11 <awake/aware> open/oven (state,stage him,hum)

The patient was in a very strange state after the operation: his eyes were open but he did not respond to things around him. The doctors couldn't tell if he was awake or not at that particular time.

**Words(16):**
- conscious
- in
- awake, blind
- comatose
- a, aware, dead, deaf, faking, fully, going, physically, responding, still, unconscious

**Letters(2):**
- k
- f

5411.51 <daily/dairy> sales/soles (getting,letting drop,drip)

Roger Jerome, the grocer, was getting worried about the sudden drop in his daily sales. He wondered if his competitor had lowered his prices again.

**Letters(2):**
- l
- r

5411.52 <probe/prove> wanted/panted (but,cut had,has)

Judge Mason wanted to probe the treasonous activities of the president's military advisors, but he knew he had neither the authority nor the evidence to initiate an investigation.

**Letters(3):**
- h
- v
- s
The tornado warning siren went off while we were walking around in the store. We dropped what we were holding right there and ran straight home.

Words (20):
- park
- block, field, garden, mall, rain
- big, center, corner, courtroom, department, fields, grounds, halls, house, new, parking, rainstorm, shopping, weather

Letters (3):
- e
- u

The circus lion was about to escape from the open door of its cage when the animal trainer yelled to his assistant: "Quick! grab that chair in the corner of the cage and give it to me before this cat gets away."

Words (27):
- man, rope, whip
- baby, bag, cage, chair, child, close, door, falling, fire, grab, grocery, guy, it, kid, knife, lion, lion's, little, pan, pitchfork, pot, runaway, safety, towel

Letters (3):
- e
- u

The ace surgeon, Dr. Voss, knew that the previous operation on Mrs. Huntington had been absolutely botched. By looking at her color he could tell that infection had already set in.

Words (18):
- scars
- he, scar, x-rays
- arm, face
- charts, arms, closely, dull, incision, incisions, latest, slowly, stitches, stomach, test, you

Letters (3):
- e
- u

(no response)
Colonel Pilson, a famous and daring African explorer, decided to liven up his lecture to the sedate members of the London Explorer's Club. In vivid detail, he described the horrible **scar** he got from his encounter with the pride of lions.

**Words (26):**
- experience
- encounter, massacre
- adventure, animal, cannibals, carnivorous, conditions, customs, dangers, death, decapitation, escape, events, goring, incident, killing, lion, looking, manner, monster, primitive, sight, stalking, swarms, torture

**Letters (3):**
- g, r, y

Peter looked for the missing **shell** in the attic, but it wasn't there. Now Mary's living **room** decor will never be complete.

**Words (19):**
- piece
- dog
- button, contact, link, part
- attache, ball, black, brand, cable, camera, clue, glove, lug, ring, toys, wallet, window

**Letters (2):**
- 1 f, 1

"Our baseball team is just as skilled as the visiting team and they have no reason to look down on us," the manager explained to the reporter. "But we couldn't overcome their early **score** no matter how professionally we **played.**"
FIVE LETTER WORDS

Noun: Different Shape

5501.01 <truce/truck> party/parts (our,fur help,helm)
On our mission to South America, our party obtained a truck in Nicaragua with the generous help of the U.S. government.

Words(21):
4 rare, visa
3 guide
2 map
1 boat, diplomatic, document, fine, grenade, large, license, ninety, number, pass, permit, photograph, reporter, special, supply, very, wide

Letters(2):
27 k
3 o

5501.02 <scene/scent> flowers/blowers (saw,sat while,white)
We saw some beautiful country while driving on our vacation. The wheat fields were inspiring and the scent of the flowers in the meadows was just heavenly!

Words(19):
10 mountains
2 corn, rolling
1 apple, canyons, clover, crows, flat, forest, forests, large, pasture, plains, purple, rivers, rows, vineyards, wildlife, windmills

Letters(3):
27 e
2 k
1 a

5501.03 <scale/scalp> paunchy/raunchy (reached,beached bald,bold)
Bruce could tell he had reached middle age just by looking at his scalp. The last thing he wanted to be was a paunchy bald old man.

Words(17):
6 reflection
3 gray, receding
2 balding, bulging, face, graying
1 bald, beer, beltline, hair, middle, newly, pot, soft, white, wife's

Letters(2):
25 p
7 a
The builders of this house were so totally incompetent we had to fire them. That's why we had such a bad flood in our bathroom.

Words (14):
- time
- delay, problem
- accident, bulge, business, experience, flooding, house, leak, reputation, trying, winter, with

Letters (2):
- d
- r

Today I found something buried in one of the desk drawers: a wooden spoon. You don't see them too often; nowadays they're all made of plastic or something.

Words (19):
- spoon
- doll, letter, pencil, ruler, toy
- Sioux, box, button, carving, clothespin, crate, hand, key, knife, nickel, plaque, sculpture, trinket

Letters (3):
- n
- l, p

My partner thought the trip to the first station was too long. "We've been on the trail for hours on end and we still haven't reached our destination yet," he complained.

Words (5):
- road
- train
- trail
- same
- rode

Letters (2):
- l
- n
5501.07 <chili/chill> cold/cord (leave, lease there, where)

I had to leave the restaurant because the chill there was too cold.

Words (19):
7 food
3 man, smell
2 manager
1 appointment, car, cigarette, cockroaches, head, hospital, meter, my, owner, phone, roaches, service, smoke, storm, waitress

Letters (4):
1 l
1 (no response)

5501.08 <mould/moult> would/wound (next, nest would, could)

The next and final mould for the eagle was the critical one. This would determine whether it would continue to exist or not.

Words (20):
3 exam, lecture, question, step
2 act, test
1 chapter, class, contest, contestant, event, flight, lap, light, mistake, number, opportunity, performance, report, stage

Letters (5):
1 d
1 (no response)

5501.09 <swami/swamp> heaven/heaved (hot, hog weather, leather)

On my visit yesterday I noticed that the swami stunk to high heaven. The combination of filth and hot weather made my stay there unbearable.

Words (23):
3 door, house
2 children, kitchen, nurses
1 child, curtains, doctor, dust, fence, flowers, grass, lawn, mail, new, old, pond, rain, room, shades, teacher, walls, window

Letters (4):
1 k
1 (no response)
The finance meeting last night made me sorry I am a member of this organization. I had to leave that room full of pompous men who had no sense of duty to country or responsibility to their fellow man. It was just that the guilt was too much to bear, so I left.

Words(24):
- men
- I, funds, members, money
- air, atmosphere, attitudes, budget, commissioner, committee, disappointment, entire, go, lethargy, measure, meeting, men's, needs, organization, others, points, vote, whole

Letters(5):
- t
- d
- e
- y, (no response)

I ran off the tracks quickly because my partner said he heard the clan of a train rolling down the rails toward the depot. Repairing rails is a dangerous business to be sure.

Words(11):
- train
- sound
- rumble
- animal, car, engines, other, police, sounds, train's, training

Letters(4):
- g
- k
- e, t

Just by taking a look at the front of the fern, he could tell that it was in the reproductive stage.

Words(28):
- house, sky
- baby, book, cake, car, car's, clouds, color, dog, door, engine, expression, first, food, front, handwriting, meter, painting, plant, price, sales, skewed, stars, sun, tree, wall, window

Letters(2):
- t
- d
For years the nation's top physicists had been looking for any kind of
trace left behind by their theoretical subatomic particle in the cloud
chamber.

The officer might get suspicious about the status of this car of ours
unless we scrape off that decal on the driver's side before it is
inspected.

I knew my sister would like it up in the Colorado mountains. She told me
it was a nice climb as we hiked up to my mountain cabin.
Verb or Adjective: Same Shape

5510.01 <reach/react> monkeys/donkeys (these, those test, rest)

Because of a nervous system disorder acquired late in prenatal development, these monkeys cannot reach normally to common test stimuli.

Words (22):
- climb, control
- coordinate, function, move, swing
- adjust, breast, develop, each, ever, hang,
- identify, provide, reproduce, see, sit, speak,
- stand, think, twist, use

Letters (2):
- t
- h

5510.02 <large/largo> short/shout (section, suction parts, parks)

I asked the principal violinist in the orchestra what he thought of the composer's extra long and difficult symphony, which will premiere tomorrow night. "The large section of the symphony," he said, "is the easiest, while the more difficult parts are comparatively short."

Words (19):
- symphony
- music
- piece
- audience, composition
- arrangement, crowd, evening, exposition, fifth, first, guy, introduction, last, melody, orchestra, strings, timing, work

Letters (2):
- a
- o

5510.03 <mania/manic> cases/capes (change, charge latest, lamest)

The head psychiatrist informed his staff of a new and radical policy change at the latest meeting: "From now on the manic classification is obsolete in this hospital. Cases of this type will now be called"

Words (17):
- patients
- patient
- staff
- clinic, couch, employees, entire, information, late, lobotomy, most, nurses, oedipus, policy, pricing, rooms, senior

Letters (6):
- a
- c
- d, p, x
- (no response)
"I felt as though this entire evening out with you was absolutely bland," Mary complained to her insulted date.

5510.04  <bland/blank> date/fate (out, but date, mate)

Words(13):
- wonderful
- the, wasted
- heavenly, useless
- awful, beautiful, boring, fruitless, marvelous, out, unnecessary

Letters(2):
- 18 d
- 12 k

5510.05  <plump/plumy> vet/vat (cages, pages fly, ply)

The vet was called to the peacocks' cages at the city zoo, because one old bird hurt himself on the fence surrounding the cage. The plum peacock had tried his best to fly to freedom, but he didn't make it very far.

Words(16):
- vet
- bird
- bird's, fence
- birds, dumb, fan, injury, kids, little, peacock, poor, right, tail, underpart, wire

Letters(3):
- 21 e
- 5 r
- 4 b

5510.06  <clean/clear> lunch/lynch (table, fable mess, muss)

"Would you please clean the table of the breakfast mess before you make lunch!" Mother said as she left for work.

Words(17):
- pass
- tell
- be, call, come, leave, turn
- answer, drive, get, go, marry, meet, mind, quiet, remove, stop

Letters(2):
- 18 n
- 12 r
After a whole year I finally decided to take my poor filthy little car downtown to the car wash. Afterwards I even had my son wax it. It's a relief to look through a clean windshield again.

Words(6):

- clean (24)
- window (2)
- dirty, shining, truely, windshield (1)

Letters(2):

- n (24)
- r (6)
FIVE LETTER WORDS

Fifth letter changes

Verb or Adjective: Different Shape

5511.01 <dread/dream> draft/craft (those, these (most, post)

"Though you may not believe it, the day that the draft is reinstated is one of those things I dream about the most," said the Colonel.

Words(17):
4 am, dread
3 have, hope
2 feel, look, will
1 always, can, can't, find, know, predicted, remember, think, thought, was

Letters(2):
25 d
5 m

5511.02 <swear/sweat> talk/balk (recent, decent reveals, repeals)

A recent survey conducted by Psychology Today reveals that women are not attracted to men who swear too much, eat too much, or talk too much.

Words(21):
4 are, wear
2 act, do, have
1 attempt, carry, must, part, pick, play, present, refuse, seem, shave, smoke, style, talk, think, try, weak

Letters(3):
16 l
13 r
1 c

5511.03 <relax/relay> rules/roles (knew, know care, case)

All the research groups involved knew that the committee was about to relax the new rules for care of animals used in experiments.

Words(19):
10 make
2 award, decide
1 come, complete, confirm, cut, deny, discontinue, discover, elect, lose, publish, refuse, reject, stop, tighten, uncover, (no response)

Letters(3):
23 v
6 t
1
The king became very worried when the noisy mob of enthusiastic subjects tried to 
\textit{crow} him on the \textit{podium} during the coronation ceremonies.

\textbf{Worda}(19):
\begin{itemize}
\item break
\item get
\item reach, rush, storm, take
\item all, charge, come, enter, force, gain, kill
\item lift, pick, pushed, remove, shake, use
\end{itemize}

\textbf{Letters}(2):
\begin{itemize}
\item d
\item n
\end{itemize}

"The bearded man who's wearing the \textit{plaid} shirt is the one you're looking for," the security officer whispered to the detective.

\textbf{Worda}(17):
\begin{itemize}
\item hat
\item black
\item glasses, red
\item cap, dark, funny, gray, grey, leather, orange,
\item suit, three, tie, top, trenchcoat, yellow
\end{itemize}

\textbf{Letters}(2):
\begin{itemize}
\item d
\item n
\end{itemize}

As the science teacher dropped the coin on the metal \textit{bar} it would 
\textit{clink} as soon as it touched it. There's no doubt that the \textit{bar} had been magnetized.

\textbf{Worda}(15):
\begin{itemize}
\item make
\item bounce, ring
\item stick
\item cause
\item causes, create, fall, leave, made, occasionally,
\item pass, quickly, spark, vibrate
\end{itemize}

\textbf{Letters}(2):
\begin{itemize}
\item g, k
\end{itemize}
While out on a hunt, away from the women and children, the men of this tribe will speak anything they please. Anthropologists speculate that this is a way of wearing off tension built up by just sitting around the camp.

Words(26):
- perform
- go, leave
- be, carouse, consume, cook, dance, engage,
- exchange, feast, gamble, get, gossip, kill, not,
- often, participate, raid, sing, sit, sleep, stay,
- talk, tell, try

Letters(2):
- k
- r

Weeping willows tend to have roots that seek the water in a house's septic system, and can do great damage. Still, because they are fine shady trees, many people like them in spite of the menace.

Words(11):
- shade
- ornamental, trees
- examples, to
- long, looking, prices, rooted, specimens, systems

Letters(2):
- e
- o
SEVEN LETTER WORDS

First letter changes

Noun: Same Shape

7100.01 motions/notions promise/premise (still, skill form, norm)

Even though the dancer's notions are truly unconventional, still they promise to someday revolutionize the art form.

Words (17):
- feet (7)
- leg, legs (3)
- ankle, form, shoes (2)
- ankles, costume, foot, had, leap, on, style, technical, technique, tights, toes (1)

Letters (4):
- m (21)
- a (5)
- l (3)
- p (1)

7100.02 sailors/tailors lived/livid (five, fine married, carried)

It was quite a coincidence that Mr. Eiseley's five daughters all married sailors, considering they all lived in different parts of the country.

Words (18):
- men (9)
- the (3)
- lawyers, on (2)
- at, blue, brothers, doctors, either, in, into, naturalist, one, professors, red, rich, to, within (1)

Letters (1):
- a (30)

7100.03 midgets/widgets humor/rumor (are, ate sense, dense)

John thinks that midgets are mythical entities conjured up by someone's odd sense of humor.

Words (16):
- he (8)
- the (5)
- all (4)
- I, Margaret, President, Reagan, Sally, Tom, everyone, everything, girls, it, life, singing, sports (1)

Letters (3):
- m (24)
- d (2)

Predictability Norms

129
Whenever I get a chance I go to the annual county fair, because their waffles are absolutely irresistible.

The delicate acoustic and seismographic instruments erected near the crater will listen to the rumbles of Mt. St. Helens, in hopes of predicting her next eruption.

It is quite common to find vandals throughout the dirty streets of Middle Eastern cities.
SEVEN LETTER WORDS

First letter changes

Noun: Different Shape

7101.01 <tarnish/varnish> thinner/thinker (boy, buy, come, cope)

The boy at the hardware store said that the tarnish will come off the kitchen table quite easily if we use diluted paint thinner.

Words(25):
- nails
- bearing, blue, day, deliveries, equipment, extension, hammer, hammers, hand, man, mowers, only, order, paint, pharmacist, price, screwdrivers, shipment, special, store, temperature, tool, war, wrench

Letters(3):
- 24 y
- 4 x
- 2 g

7101.02 <gambler/rambler> later/hater (away, sway, born, boon)

Tex often goes away from home for several months, only to come back later penniless. His only excuse is that he is a born gambler and just can’t help himself.

Words(13):
- loser
- gambler
- a, wanderer
- rambler
- bum, drifter, idiot, pauper, rover, spender, spendthrift, wander

Letters(2):
- 28 g
- 2 r

7101.03 <dangers/rangers> drove/drone (full, dull, into, onto)

National parks are always full of dangers, we were informed as we drove our camper into Yellowstone.

Words(17):
- campers
- tourists
- beautiful
- bugs, different, foreign, horrible, information, people, pesky, picnic, pretty, sightseers, things, trailers, trash, wild

Letters(2):
- 22 r
- 8 d
The invading army tried to bomb the coastal city but was unable to get past the protective aircraft "carrier" strategically placed by the enemy.

Words(21):
- that, which
- carrier
- cover
- and, artillery, barrier, blockade, coverage, defense, deployed, detectors, fire, interception, of, radar, sent, shield, situated, stationed, umbrella

Letters(2):
- 25 c
- 5 b

It was common practice for some groups of thieves to meet secretly in "taverns" and trade information, negotiate deals, and plan cooperative ventures.

Words(12):
- the
- caves
- a, cave, their
- alleyways, back, backrooms, old, order, pacts, sewers

Letters(2):
- 21 k
- 9 g

Almost everything the troop used on our camping trip to the Colorado River was borrowed from the Parks Commission: the canoes, the horses, the "saddles", the packs, the cooking equipment, and the "tents".

Words(11):
- tents
- packs
- sleeping
- backpacks, camping, cooking, food, life, paddles, tent, wagon

Letters(2):
- 16 p
- 14 a
In Fredericton you'll find that in the early hours of the morning you can see a lot of loggers around in the streets.

**Words (17):**
- people
- birds
- fog, lights, mist, morning, wild
- activity, cars, commuters, dew, funny, new, nightcrawlers, pheasants, pigeons, strange

**Letters (3):**
- a
- e
- p

Norman is a hapless fisherman. We were out for flounder yesterday and he did catch a lot — but they were all useless trash fish: eels, skates, ratfish, and sea robins.

**Words (17):**
- and
- carp
- jellyfish
- barracudas, blowfish, bluegill, bonefish, carps, catfish, dogfish, hagfish, minnows, polywogs, rockfish, shiners, sponges, trash

**Letters (1):**
- e
SEVEN LETTER WORDS

First letter changes

Verb or Adjective: Same Shape

7110.01 <mashing/washing> now/new (ran, ray, help, heap)

Paul ran up to his mother and asked, "Can you help me with my homework now?" "Don't bother me while I'm washing the potatoes," she answered.

Words(16):
- cooking
- watching
- fixing
- busy, doing, talking, trying
- fix, making, on, reading, sleeping, tending, varnishing, with, working

Letters(3):
- w
- m
- c

7110.02 <humbles/tumbles> city/pity (army, arms, broken, broker)

Revolution seems hopeless, for as the Roman army humbles city after city, the conquered people's spirits become ever more broken.

Words(25):
- advances
- approaches, continues
- advanced, appeared, approached, begins, captured, conquered, demonstrated, grows, is, marched, marches, moved, often, outnumbers, rests, retreats, slept, surrounded, tried, trudged,
- wants, was

Letters(7):
- r
- f
- l, t, (no response)
"If our new assistant bumbles up another case, I'm going to have to fire him," warned Mr. Lynch.

You know that the company has a careful watch on you when you get your first pink warning statement delivered personally to your office.

If Saudi Arabia secedes from the cooperative ties it has with other oil-producing nations, it could mean more turmoil in the Middle East.
Finally, when I came out of my coma, I didn't know what month or year it was, but I did know it was Sunday, because I heard singing coming from the chapel next to the hospital.

Words (4):
18 the
10 church
1 a, all

Letters (2):
19 a
11 r

For as long as I can recall, father always bickers with the man who sells fruit at the marketplace. The commotion they cause is embarrassing, yet he never fails to get the man to lower his prices.

Words (23):
3 has, read
1 made, said, took
1 ate, been, called, carved, drank, drove, golfed, had, home, insisted, sits, slept, smoked, stressed, takes, taught, tucked, worked

Letters (6):
24 p
12 d
1 k, p, t, (no response)
SEVEN LETTER WORDS

Verb or Adjective: Different Shape

7111.01 <renders/tenders> steak/steam (kinds, minds, said, laid)

This recently-discovered chemical renders even the toughest steak so it is palatable. Unfortunately, it causes all kinds of cancers, or so the FDA has said.

Words(14):
- is
- has, may
- can, will
- bonds, compound, could, formula, produces, promised, reduces, stimulates, theory

Letters(6):
- 20 L
- 4 C
- 2 S, G
- 1 I, M

7111.02 <cuddles/huddles> warm/wart (cold, bold, alive, alike)

During the tundra's cold winter blizzards in northern Alaska the female wolf huddles together with her pups in order to keep them alive and warm.

Words(20):
- finds
- goes
- digs, hibernates, protects, seeks
- burrow, continues, gets, gives, heads, hides, hunts, keeps, lost, migrates, often, remains, uses, will

Letters(4):
- 18 B
- 10 G
- 1 B, M

7111.03 <martial/partial> entire/entice (due, die, bomb, tomb)

The MPs have been ordered to instruct all visitors to be careful when entering the compound. The entire airport has been put under partial alert due to a bomb threat.

Words(14):
- surveillance
- a
- strict
- alert, their
- close, emergency, full, guard, heavily, martial, quarantine, tight, very

Letters(2):
- 16 p
- 14 m
The quack Dr. Heath had been *coaxing* the entire town into buying his wondrous *tonic* solution, which turned out to be only water.

**Words** (25):
- practicing
- giving, making
- arrested, barred, called, caught, charging, chased, dispensing, doing, finally, in, make, out, prescribing, responsible, seeing, selling, sent, studying, sued, tried, using

**Letters** (3):

<table>
<thead>
<tr>
<th>Letter</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>c</td>
<td>27</td>
</tr>
<tr>
<td>h</td>
<td>1</td>
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</tbody>
</table>

The rich Hendersons have spoiled their daughter Pauline. That girl has grown to be a *naughty* little *brat*. The other children won't play with her any more because of the way she acts.

**Words** (18):
- real
- very
- spoiled
- pain, self-centered, stuck
- Jewish, demanding, dependent, egocentric, fickle, materialistic, nasty, obnoxious, really, snippy, thirty, whiny

**Letters** (2):

<table>
<thead>
<tr>
<th>Letter</th>
<th>Frequency</th>
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</thead>
<tbody>
<tr>
<td>n</td>
<td>22</td>
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<td>h</td>
<td>8</td>
</tr>
</tbody>
</table>

I saw the man who picked my pockets yesterday when I was walking to work. You can recognize him easily. The bum is a *raunchy* little man with a rough voice, smelly clothes, and a face covered with scars.

**Words** (24):
- short
- bearded, old, tall
- 6'5", creep, drunk, dwarf, familiar, fat, flashy, foot, laborer, lieutenant, man, migrant, millionaire, ragged, scraggly, scruffy, slob, thin, very, white

**Letters** (4):

<table>
<thead>
<tr>
<th>Letter</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>r</td>
<td>19</td>
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<td>7</td>
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<td>n</td>
<td>3</td>
</tr>
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<td>l</td>
<td>1</td>
</tr>
</tbody>
</table>
7111.07 <heaving/weaving> spool/stool (boy,box trip,grip)
The worst industrial accidents are caused by mischief. For example, at American Thread, Inc., an employee was *heaving* a giant *spool* of thread onto another *spool* when a boy tried to trip him. As a result, the employee was injured.

Words(20):
- caught
- playing
- injured
- allegedly, fatally, fired, fooling, killed, needling, negligent, not, on, pitching, seriously, severely, showing, stitched, torn, trying, unhappy

Letters(2):
- ¥

7111.08 <rapping/yapping> area/aria (two,too seem,seek)
These two freshmen next door must be coordinating all the gossip in the area. They seem to be *yapping* constantly. When do they study?

Words(17):
- the
- always
- on
- aware, in, talking
- constantly, delighted, enjoying, expert, experts, informed, initiating, knowledgeable, snooping, starting, well

Letters(9):
- t
- s, m, y
- n, s, z

7111.09 <namable/tamable> wondered/pondered (land,lend new,now)
At least some of the first sailors to land on the coast of Africa must have wondered if all of these new fantastic animals were *namable* or maybe some would remain unknown and untouched.

Words(17):
- real
- dangerous, figments, not, really
- actually, adaptive, as, edible, for, friendly, from, men, merely, predatory, rare, significant

Letters(4):
- f
- s (no response)
- g, r
7111.10 <careful/dareful> lines/mines (task, talk walking, talking)

Colonel Zeke warned the members of his special espionage task force as he was walking behind his desk: "If we're going to avoid capture behind Nazi lines, we're going to have to be a little more *careful than we usually are."

Words(8):
19 careful
5 cautious
1 clever, cooperation, organized, quiet, quite, thorough

Letters(1):
30 a

7111.11 <basally/nasally> gland/grand (make, take more, move)

Dr. Nagel advised me: "If you want to properly dissect the pineal gland you're going to have to make the initial incision a little more *nasally than you have been."

Words(13):
11 to
7 carefully
2 precisely
1 deep, deeply, delicately, gently, lengthy, longer, lower, shallow, toward, towards

Letters(7):
13 b
9 N
3 c
2 (no response)
1 g, i, s
SEVEN LETTER WORDS

Second letter changes

Noun: Same Shape

7200.01 <oration/ovation> speaker/sneaker (left, lift, mayor, major)

After the president had left the stage for the last time, the jubilant mayor went up before the enthusiastic audience and proclaimed: "That was the longest <oration of any speaker in our new public lecture hall."

Words(15):
6 applause
4 ovation, speech
2 and, introduction, round, standing
1 discourse, encore, goodbye, meeting, most, sound, ten, victory

Letters(5):
19 v
8 r
1 e, l, t

7200.02. <wetness/witness> scene/scent (prove, probe, crime, chime)

The DA was unable to prove that the murderer had frozen the victim's body in ice, since there was no witness near the scene of the crime.

Words(13):
7 evidence
3 body, freezer, ice, witness
2 fingerprints, sign, trace
1 capillary, concrete, frostbite, longer, way

Letters(3):
26 i
3 e
1 (no response)

7200.03 <fatness/fitness> times/tames (does, goes, nasty, natty)

Dave does not like any nasty comments on his fitness, and at times he gets very angry.

Words(21):
4 new, report
2 homework, papers, performance
1 beard, choice, clean, clothes, haircut, journalism, lack, latest, old, paper, poor, reports, scar, test, way

Letters(2):
23 i
7 a
Whenever the kids bought marbles, they made sure to keep them in their pockets until they got home, so they wouldn't lose any on the way.

Words(14):
- pockets
- own
- secret
- bags, marble
- blue, desks, homemade, little, plastic, pouch, special, upstairs, very

Letters(2):
- 9
- (no response)

He is a hobbyist and a historian, and I understand that relics of Civil War battles are his specialty.

Words(14):
- are
- battles
- America, American, can, cannons, clothes, he, heroes, history, memorabilia, of, time, would

Letters(2):
- 9
- a
- c

It is a funny coincidence, but the actors in the local guild had all been writers at one point in their early careers.

Words(22):
- to
- students
- in, planning, trained
- abstaining, afraid, asking, at, characters, children, educated, fired, friends, graduates, happily, here, hounded, members, through, together, very

Letters(2):
- 2
- a
The poor dog in the Wilson's backyard just couldn't tolerate his bandage, so he started howling loudly.

**Words (21):**
- master's
- collar, food, new, short
- being, bone, chain, confinement, fleas, leash,
- limited, neck, next, owner's, poor, presence,
- small, too, treatment, wild

**Letters (2):**
- a
- o
SEVEN LETTER WORDS

Second letter changes

Noun: Different Shape

7201.01 <showman/snowman> pointed/painted (life, lift said, sail)

"He's probably the best showman I've ever seen in my entire life!" Dad said as he pointed to the figure with the top hat.

Words(23):
- athlete, pitcher
- player, student, teacher
- DJ, actor, author, baker, ball, baseball, dancer, doctor, friend, horseman, jockey, lover, one, quarterback, son, storyteller, surgeon, worker

Letters(3):
- p
- t

7201.02 <eclipse/ellipse> solar/polar (class, claps model, modes)

The astronomer demonstrated how the moon made an ellipse with its orbit by showing the class his automated model of the solar system.

Words(13):
- orbit
- elliptical
- eclipse
- aura
- annual, appearance, arc, complete, ecliptic, effect, important, oval, unusual

Letters(3):
- e
- t

7201.03 <sprains/strains> concern/concert (matter, master and, any)

A matter that should be of concern to both parents and school officials is the relatively high number of strains that the average high school football player has to contend with.

Words(20):
- dropouts
- drug, students
- absenteeism, children, teenage
- absences, assaults, attempted, disrespectful, fights, high, juvenile, kids, misbehaving, of, pregnancies, pupils, truancy, youngsters

Letters(2):
- d
- e
There was a minor accident at Kennedy Space Center this week. In the Apollo capsule a technician was adjusting a scanner when he discovered that he was firmly stuck in the cramped compartment.

"We had quite a few bad flights with Captain LaGuna," the stewardess recounted. "And believe me, we're all plenty glad that his license was revoked."

The whole class laughed suddenly. Miss Green looked to the back of the room at the clown. Rob had pasted a silly sticker on his face.
I believe that Charlton Heston made this old spectacular movie which is about the fleeing of the Israelites from bondage in Egypt quite early in his career.

The teacher expected trouble in school on the day following the clash between the rival gangs. But by some miracle, there was only a brief shuffle of people in the hall between classes.

"Where did you put your socks, Joe?" Marlene yelled to her sloppy son. "They're either on top of my stereo cabinet or next to my left sneaker," he answered loudly.
SEVEN LETTER WORDS

Second letter changes

Verb or Adjective: Same Shape

7210.01 <resting/rusting> corner/corner (hopes,hoped have,save)
The administration hopes that the new lathe will be used frequently, because otherwise it seems a waste to have that expensive equipment just resting in the corner of the lab.

Word(s)(10):
14 sitting
 4 to
 3 for
 2 lying, sit
 1 around, because, laying, lie, sitting

Letter(s)(2):
15 a, u

7210.02 <begging/bugging> spoiled/spooled (stop,shop new,now)
Joan yelled at her spoiled child: "Stop begging your poor, tired father about getting you a new bicycle."

Word(s)(17):
7 whining
 6 that
 2 asking, crying
 1 being, carrying, demanding, doing, eating, it, kicking, make, playing, screaming, spilling, taking, yelling

Letter(s)(2):
17 a
13 u

7210.03 <packing/picking> jobs/joy (rare,bare earn,warn)
Matt got a good part-time job this summer packing pears on the farm. Jobs for teens are rare, he's lucky now he'll be able to earn some spending money.

Word(s)(11):
12 working
 3 as, at, he, in
 1 and, but, delivering, repairing, so, which

Letter(s)(2):
20 i
10 a
The pearl divers can easily avoid the poisonous sponges, because their characteristic netlike appearance makes them easy to spot.

Words(19):
- color
- colors, shape
- action, are, avoidance, bright, coloration,
- features, foods, habituation, is, noises, points,
- sedentary, shapes, skills, spines, to

Letters(3):
- a
- i

"Quit that!" Father yelled. "By tapping the aquarium you're scaring the fish."

Words(9):
- the
- now
- God
- golly
- 5:00, George, darn, heaven, time

Letters(3):
- a
- i

Bob had a bad accident with the flame thrower. The burnt flesh on his arm smelled awfully bad. We brought the poor fellow to the emergency room as fast as we could drive.

Words(17):
- was
- is
- and, needed, will
- attracted, caused, did, had, has, never, pulled,
- required, scarred, smelled, they, would

Letters(4):
- m, w
- i, p
The Early Warning Station on the northern Alaskan tundra is not the most lovable place in the world, and that's why the air force doesn't assign men duty there for over six months.

Words (20):
4 effective, reliable
3 pleasant
2 advanced, modern
1 accessible, accommodating, accurate, comfortable, convenient, desirable, easily, frequently, heavily, isolated, picturesque, remote, station, strategically, technically

Letters (2):
23 a
7 o

As I was going into the bar, I saw the drunk stagger out of the other door and onto the busy street. I tried to run over and get him but it was too late, he was grazed by an oncoming pickup.

Words (18):
6 stumble
5 fall
2 pass, stagger, who
1 bouncer, buy, driver, falling, get, girl, laying, man, sprawled, stumbling, tramp, turn, weaving

Letters (3):
24 t
5 w
1 a

The young widow's slyness is well known to the single men in town.

Words (20):
4 children
3 face, husband
2 family, life, pension
1 attitude, cemetery, dog, emotions, feeling, house, inheritance, insurance, money, mother, sex, son, sorrow, tears

Letters (1):
30 h
7210.10 <sinless/sonless> life/lime (that, what even, ever)

He claimed that, even though he had been a sinless man, his life had been very exciting.

Words(27):
- convicted, poor, thief
- Democrat, Marine, alcoholic, boor, boyscout, brat, clown, county, criminal, drunk, felon, general, hot, jerk, liar, little, pilot, priest, runner, scout, slow, student, teacher, track

Letters(3):
- 28 i
- 1 o, u

7210.11 <patting/petting> dog/log (has, was been, seen)

Rover has been following Joey, the new kid on the street, all day. Joey has been petting that dog constantly and now they're inseparable.

Words(22):
- trying
- feeding
- kind, scared, very
- all, delighted, enjoying, exploring, friendly, growing, having, loving, petting, pleased, riding, running, spying, teasing, tolerant, unsuccessfully, walking

Letters(3):
- 19 u
- 10 e
- 1 v
SEVEN LETTER WORDS

Second letter changes

Verb or Adjective: Different Shape

7211.01 <shouted/spouted> join/loin (vain,pain words,works)

In vain, the colonel shouted some words about loyalty and patriotism to the troop, but he knew that no one wanted to join the others on the front line.

Words (14):
- tried
- attempted, commanded
- called, demanded, fought, jumped, pulled, put, said, shouted, sought, told, trimmed

Letters (2):
- 27 h
- 3 p

7211.02 <sputter/stutter> crash/trash (local, vocal nose, hose)

One local resident described the crash of the Piper Cub as follows: "I heard the engine sputter, smoke came out of the side, and then the nose plummeted earthward."

Words (15):
- sputter
- begin, stall
- explode, quit
- blow, make, noise, overhead, rattling, roar, scream, screech, start, stop

Letters (3):
- 17 p
- 8 k
- 5 n

7211.03 <cheested/crested> reg/rod (beak, bead seen, been)

"Look, there, on that maple tree," whispered Dr. Warbler excitedly. On the tree was a bright red crested bird with a yellow beak. "It's hardly ever seen in these parts!" the doctor said.

Words (13):
- cardinal
- bird, leaf
- butterfly, male
- and, beautiful, crested, gigantic, headed, ribbon, robin, tanager

Letters (3):
- 23 r
- 6 f
- 1 (no response)
7211.04 <alerted/averted> snuck/stuck (squeals, squeaks cat, bat)

The frightened squeals coming from the rats' cages averted me to the whereabouts of the stray cat that had snuck its way into the lab.

Words(14): were indicated are grew, made, meant, signaled
alerted, continued, led, only, scared, told, woke

Letters(3): l
v
s

7211.05 <springy/stringy> sweet/sweat (meat, meal too, top)

The strange meat had a very stringy consistency and an oddly sweet taste. I was too chicken to ask the tribesman what sort of creature I was eating.

Words(20): peculiar
strange interesting, pungent, strong, unusual
course, delicate, different, game, gamy, good,
nice, pleasing, salty, smell, stringy, terrible,
unique, weird

Letters(2): k
y

7211.06 <shelled/smelled> cookies/rookies (began, begun some, home)

My mouth began to water as I smelled the peanuts. There were plenty for the cookies I was baking so I couldn't resist eating some of them.

Words(8): smelled
saw, watched
looked
thought
heard, remembered, stirred

Letters(2): m
p
7211.07 <slabbed/swabbed> fever/lever (cold,bold chest,crest)

As an ostensible remedy for the cold and fever he had developed, the old nurse *slabbed* some mustard plaster on the little boy's chest.

**Words (18):**
- gave
- drank, fed, made, prepared, told
- afflicted, always, applied, began, brewed, had, have, ordered, pretended, rubbed, took, tried

**Letters (3):**
- t
- w

7211.08 <slapped/snapped> ropes/roses (held, hold water, wager)

The *ropes* which held the ship at its mooring *snapped* over the water as the current began moving the ship back and forth.

**Words (11):**
- were
- broke, had
- snapped

**Letters (3):**
- n
- w
SEVEN LETTER WORDS

Fourth letter changes

Noun: Same Shape

7400.01 <storage/stowage> goods/hoods (told, sold have, hate)

The foreman told us that once we put the goods into storage we could go out and have a beer.

Words(6):
23 the
3 boxes
1 crates, loading, neat, storehouse

Letters(1):
30 L

7400.02 <expense/expense> face/race (month, mouth could, would)

Ruth tried to find peace in Texas for a month, but could no longer face the great expense of the place that seemed to increase with each new day.

Words(26):
2 guilt, hot, pain, threat
1 burden, crowds, depression, depth, desert, disturbance, ego, heat, intellectual, loneliness, loss, persecutions, pressure, psychological, responsibility, strain, task, trauma, trials, truth, turmoil, void

Letters(3):
26 a
3 ą
1 q

7400.03 <planter/plaster> set/net (set, let back, bank)

John was certain he had set his trowel on the planter by the back porch, but it had apparently evaporated.

Words(22):
3 back, ledge, shelf
2 table, wall
1 bench, dryer, edge, farthest, garden, grass, ground, peer, picnic, right, roof, space, step, steps, stoop, tool, top

Letters(3):
20 t
8 ą
2 q
7400.04 <experts/exports> help/helm (this, thin are, arm)

This country's numerous experts are probably no help to the actual maintenance of the economy.

Words(17):
8 problems
3 national, poor
2 population, resources
1 coal, country, forest, gay, highways, murders, rabbit, regions, revenue, shortages, sights, unemployed

Letters(2):
19 e
11 a

7400.05 <cookers/coolers> baskets/gaskets (good, wood and, any)

For the picnic Saturday we brought charcoal, an umbrella, several baskets, and some good outdoor coolers for the hot dogs and hamburgers.

Words(19):
10 games
2 furniture, insect
1 blankets, bug, chairs, clothing, cooking, equipment, food, game, grills, hibachi, lawn, pastimes, playing, sporting, tableclothes, utensils

Letters(2):
24 1
6 k

7400.06 <grocers/growers> produce/product (risen, ripen that, than)

The price of fresh produce has risen because the grocers claim that they can't keep up with double-digit inflation.

Words(19):
6 cost
3 farmers
2 crops, drought, economy, price
1 costs, crop, fishermen, general, intense, middleman's, production, rains, rate, rise, season, summer's, weather

Letters(3):
22 a
7 n
1 v
The extremely large charges on my credit card billing motivated me to cancel my account.

**Words (25):**
- animal
- bear, dog, elephant
- auditorium, ball, bird, boy, breasts, bug, car, fish, hawk, kite, man, monster, pie, selection, simian, tree, turnout, turtle, volcano, whale, window

**Letters (3):**
- n
- t
SEVEN LETTER WORDS

Fourth letter changes

Noun: Different Shape

7401.01 <singers/sinners> pay/pan (lead, lend lives, wives)
Everybody knows that sinners lead exciting and pleasurable lives, but they pay for it when they get old.

Words(19):
- the
- he
- you
- they
- Bill, I, Steve, after, cold, cows, finals, one, rabbits, rice, she, summer, there, two, when

Letters(2):
- m
- n

7401.02 <eyelash/eyewash> running/sunning (eye, eve flush, flesh)
Quickly I took Timmy to the sink and began running water over his puffy eye in an attempt to flush out the eyelash that was irritating it.

Words(19):
- chemicals
- poison
- acid, bleach, cinder, grains
- chemical, detergent, drano, dust, infectious, irritating, kerosene, piece, poisonous, sand, stone, strong, traces

Letters(4):
- 1
- 2
- 4
- m

7401.03 <hammers/hampers> selling/sealing (all, ail week, peek)
According to the advertisement in the Sunday paper, Macy's is selling hampers at half-price all this week.

Words(19):
- all, everything
- a
- TV's, Thanksgiving, black, children's, clothing, every, exactly, fishing, her, nearly, out, overstocked, pink, sheets, toys, wool

Letters(2):
- m
- n
The population of the river people's villages was radically depleted from repeated invasions by their fierce warlike neighbors. The slavers would remove nearly a quarter of the population each time.

On Wednesday evening there was a lecture on the mating habits of the blue marlins, some of the most attractive creatures in the Florida ecosystem.

The sizzling noise grew louder and smoke began coming from the burners on our electric stove. (Too much grease again; someday it might catch fire.)
Some dogs are real yel*ers; they'll make noise for no reason all day and all night, driving the neighborhood crazy.

Words(19):
- friendly
- easy, mean
- and, cute, pests
- beggers, buddies, descend*nts, fun, go, hunters,
- hyper, killers, lapdogs, some, true, vicious, warm

Letters(3):

When Candice went to college she left an incredible collection of odd and unwanted clothes in her closet: miniskirts, pleated skirts, a leop*ard suit, and some gaudy Halloween costumes.

Words(24):
- pair
- wool
- blazer, bra, cheer, coat, corduroy, high,
- hoopskirt, huge, kilt, lion's, long, mumu, nehru,
- new, oxford, plaid, puffy, raccoon, shoe, wig,
- wrap-around, yellow

Letters(2):

"Dad tripped and almost killed himself over the clutter of toys you left on the foot of the stairway!"—Mom scolded.

Words(24):
- rake
- shoes, skate, stairs, toys
- oord, dog, doorstep, edge, fallen, garden, hose,
- ice, icy, lamp, mess, new, pile, rollerskates,
- skates, stupid, telephone, tricycle, weekend

Letters(3):
Dr. Silverman, the best climatologist in the state, was conducting an investigation that he hoped would explain the mysterious airflow discovered around stagnant swamps and bays downstate.
SEVEN LETTER WORDS

Fourth letter changes

Verb or Adjective: Same Shape

7410.01 〈whistle/whittle〉 porch/poach (since,singe chair,chain)

Grandpa doesn't seem to do anything since he retired except sit out on the porch in his rocking chair and whistle from sunrise to sunset.

Words (18):
5 read
4 smoke, watch
2 drink, play
1 doze, dream, let, pass, remember, rock, sing, sleep, spit, whistle, whistling, whittle, wish

Letters (2):
19 t
11 w

7410.02 〈shoeing/showing〉 learning/yearning (than,that hogs,hoes)

Majoring in agriculture entails much more than learning the arts of tying up hogs, shoeing horses, and milking cows.

Words (15):
6 milking
4 planting
3 and, or
2 butchering, it, roping
1 buying, fertilizer, grading, herding, its, slopping, the, work

Letters (5):
17 e
14 w
11 o
8 t

7410.03 〈leasing/leaving〉 jumped/jumper (man,men chance,change)

The real estate man said Dr. Burke was leasing his house, so naturally we jumped at the chance to acquire the property.

Words (17):
8 a
3 interested, selling, the
1 able, an, leaving, living, looking, moving, out, planning, really, unable, unwilling, very, was

Letters (5):
19 y
15 n
3 d
1 (no response)
7410.04 <strikes/strokes> tiger/timer (bad, mad trainer, trailer)

To get the Bengal tiger to behave and perform smoothly when it's in a bad mood, the trainer strikes it repeatedly on the head for a minute or two.

Words(17):
- 4 feeds, must
- 3 gives, has
- 2 bribes, talks, uses
- 1 gave, gets, offers, plays, rewards, shoots, tempts, toss, used, whips

Letters(2):
- 25 t
- 5 o

7410.05 <beaming/bearing> goner/loner (down, dawn bone, cone)

Stranded in the Mojave Desert, the sun beaming down on him and his canteen dry as a bone, Steve thought he was a goner for sure.

Words(15):
- 11 beat
- 4 was
- 2 baked, seemed
- 1 beating, beats, becomes, burned, can, dried, grew, hotly, played, turned, (no response)

Letters(3):
- 21 t
- 8 m
- 1 r

7410.06 <decides/decodes> bases/bales (enemy, enema take, make)

The captain said that once headquarters decides what the enemy message means, we'll be able to take action against their bases right under their nose.

Words(16):
- 6 gave
- 5 was
- 4 had
- 3 were
- 1 agreed, approved, called, contacted, is, notified, okayed, phone, radioed, returns, sent, wired

Letters(4):
- 24 i
- 1 a
- 2 s, c
Looking at her daughter, now on the board of a large corporation, Mrs. Raymond couldn't help remembering when Cindy was just a wishful child playing with her toy stove and trying to hoard her Halloween candy.

Words(13):
- little
- cute, tiny, young
- babe, baby, child, college, girl, insecure, small, spoiled, toddler

Letters(2):
- t
- h

The infant tightly clasped his hand around his father's finger.

Words(11):
- held
- squeezed
- grasped, wrapped
- clenched, closed, grasp, hung

Letters(3):
- a
- p
- m
SEVEN LETTER WORDS

Fourth letter changes

Verb or Adjective: Different Shape

7411.01 <cryptal/crystal> undoing/undying (will, mill from, frog)

It will certainly mean my undoing, thought the terrified victim, if I can't escape from this crystal vault before the evil Count Dracula returns.

Words (27):
madman, room, terrible
awful, band, basement, charge, crazy, dark,
deadly, hellish, house, jail, joint, locked,
maniac's, murder, net, old, pirates, predicament,
psychotic, then, trap, warehouse, warrior's,
wretched

Letters (3):
2 a
1 e, r

7411.02 <outmost/outpost> explore/explode (camp, ramp load, loaf)

Before Captain Byrd and his team began to explore uncharted territory, they stopped at the outpost camp to load up on food and supplies.

Words (25):
last
camp, fort
Alaskan, Blue, Cape, National, North, base,
check, chief, nearest, northern, office, outpost,
penguin, port, post, river, settlement, spot,
supply, tip, trading, well

Letters (2):
2 q
1 e

7411.03 <brittle/brittle> plants/planks (found, bound pine, pint)

High in the Sierra Nevada Mountains is found the brittle cone pine tree, one of the most gnarled plants on earth today.

Words (22):
most
legendary, lost, wild
ancient, best, bighorn, coldest, gold, great,
heavy, herbivorous, largest, mythical, oldest,
remains, rich, rock, silver, snow, solitude

Letters (2):
2 p
1 t
Predictability Norms

7411.04 <winding/winning> contest/content (form, fork for, far)

In the architectural design contest, the winning staircase reached up in graceful form for a full three stories with no apparent structural support.

Words (20):
- winner
- best, prize, winning
- college, first, grand, incoming, judge's, judges, largest, last, newest, prize, quadriplegic, rules, senior, top, trophy, undergraduate

Letters (2):
- p
- h

7411.05 <bookish/boorish> put/pun (could, would; old, odd)

Rosalyn could no longer put up with her reclusive boorish uncle, but she had a responsibility to take care of the old cripple.

Words (16):
- husband
- and, aunt
- aunt's, lifestyle, sister
- attitude, brother, comments, date, father's, life, manner, roommate, son, uncle

Letters (5):
- e
- k
- t, (no response)

7411.06 <leading/leaving> certain/curtain (seek, seem; more, mire)

Major Pyle was certain General Spencer was leading the battalion to seek more glory for himself.

Words (15):
- going
- a, an
- against, coming, displeased, guilty, in, lying, out, slowly, the, up, wrong

Letters (4):
- y
- d
- n, p
SEVEN LETTER WORDS

Noun: Same Shape

6th letter changes

7600.01 <content/context> quote/quot (see, set, close, chose)
Whenever you hear or see anyone quote from the Bible, you must always remember to pay close attention to the context of that passage.

Words(21):
- context
- chapter
- book, exact, interpretation, intonation, meaning,
- passage, psalms, references, scriptural, section,
- source, translation, type, underlying, verse,
- version, versus, way, wording

Letters(2): 20 x
10 n

7600.02 <pretest/pretext> basis/basin (not, now, made, fade)
A psychologist's decision to assign subjects to groups should not be made on the basis of any particular pretext unless it is unavoidable.

Words(24):
- decision, personal, problem, race, reason, trait
- bias, biases, characteristic, characteristics,
- desire, distinguishing, dogma, length, one,
- personality, preferences, salient, sex, signals,
- similarity, subjective, system, (no response)

Letters(4): 10 x
8 m
2 n
1 o

7600.03 <offense/offense> coach/couch (felt, fell, break, bread)
Our new player had just gotten a penalty and I felt I had to defend him. This was his first offense, so the coach should really give him a break.

Words(12):
- game
- time
- infraction, offense
- actual, attempt, day, experience, foul, hockey,
- mistake, penalty

Letters(2): 25 x
5 i
7600.04 <marinas/marines> taken/token (shame, share have, wave)

It's a shame that the marines have virtually taken over the shoreline of this quaint, beautiful little coastal village.

Words(29):
  2 boys
  1 Cleveland, Dallas, Klu, Sox, actor, boy, bridge, car, cookies, country, game, little, money, new, parents, party, people, pig, police, preacher, rabbit, so, spring, summer, sun, weather, whole, world

Letters(2):
  2 g

7600.05 <convert/convert> nun/nut (told, sold needed, heed)

A nun, a priest, and a layman travelled to San Juan yesterday to visit the convent that they had been told needed their immediate attention.

Words(26):
  3 old
  2 holy, sick
  1 Americans, Bishop, Pope, San, ambassador, boy, church, community, dying, fair, famed, famous, hospital, last, mission, poor, pope, shrine, swallows, the, three, various, victims

Letters(1):
  30 n

7600.06 <conduct/conduit> reports/retorts (hence, fence not, got)

The building inspector reports that the conduit which the electricians had exhibited was below union standards and hence not acceptable.

Words(18):
  13 building
  1 all, bribing, ceiling, condemned, eaves, electrical, elevator, elevators, fire, house, insulation, leak, motel, new, restrictions, roof, row

Letters(3):
  23 q
  6 f
  1 n
Making use of the government airport makes business transactions occur much more quickly and efficiently.

Mr. Kahn was chided by his fellow workmen for not joining the union.

One soon learns that in the context of roaring engines and squealing tires, the frailty of human flesh and bones becomes apparent.
The car motor idled softly as the driver sat in reverie waiting for his partners to emerge from the bank with their bags of booty.

"I don't think she'll be able to sail next year without being completely rebuilt," said the captain, referring to his schooner, "the straits she's gone through these past nine years have been extremely rough on her."
SEVEN LETTER WORDS

Sixth letter chances

Noun: Different Shape

7601.01 <tribute/tribute> jailors/sailors (soon, soot been, seen)

Garth Magnum was selected to be the person responsible to deliver the tribute to the jailors as soon as the final arrangements had been completed.

Words(25):
3 message
2 money, package, ultimatum
1 address, bomb, documents, eternal, eulogy, final, gift, goods, guns, initial, jewels, mail, milk, new, papers, payoff, priceless, project, secret, speech, victory

Letters(3):
22 t
7 n
1 b

7601.02 <revenge/revenue> dealing/dialing (time, dime get, gut)

Overbilling is nothing new and I've been dealing with these crooks for some time. I know I'll always be able to get my revenue from Illinois Bell somehow.

Words(13):
14 money
12 way
2 merchandise, money's
1 bill, complaints, dander, fair, material, meter, protests, reward, share

Letters(3):
16 u
13 h
1 w

7601.03 <grandma/grandpa> alive/alike (certain, curtain any, and)

Like most young boys of his age, Peter was absolutely certain that his grandpa was the kindest and wisest person ever to be alive on this planet or any other.

Words(18):
6 father
4 mother, parents
2 dad
1 athletic, baseball, beard, belief, body, car, dislike, dream, face, feelings, life, opinions, problems, strength

Letters(3):
24 p
5 m
1 n
7601.04 <conceit/concept> drawn/drain (plan, play, fired, fined)

It was actually the conceit behind the plan drawn up by the city planner that fired the editor's indignation and aroused him to strong political action.

Words(21):
5 first
3 only, third
2 best
1 beer, bird, butler, conductor's, fault, food, fourteenth, furnace, last, man, most, old, robbers, teacher's, true, worst, wrong

Letters(4):
21 r
6 p
2 a
1 n

7601.05 <patrols/patrons> stopped/shopped (late, lake, some, sore)

All the late night patrol's regularly stopped by Jerry's Corner Bar on their evening rounds, hoping that some action was occurring there.

Words(15):
11 movies
3 the
2 I, t.v., we
1 festivities, he, noises, people, programming, she, studying, they, through, workers

Letters(3):
15 a
14 p
1 (no response)

7601.06 <stature/statute> civic/civil (over, oven, and, any)

I believe that Abraham Lincoln's stature is something to be thought over and admired by all who are civic minded.

Words(22):
3 home, the
2 Gettysburg, administration, beard, wife
1 assassination, best, death, doctrine, dreams, face, greatest, greatness, honesty, image, policy, speech, speeches, statue, tomb, views

Letters(4):
18 t
10 f
1 d, (no response)
After Michael's presentation the dean took me aside and gave me a bad report. "If I can confide in you as Michael's advisor," he whispered, "I'd say that was the worst conceit I've ever heard from any student."
SEVEN LETTER WORDS

Sixth letter changes

Verb or Adjective: Same Shape

7610.01 <protect/protest> showed/shoved (with, wits plant, plans)

Amidst young demonstrators with opposing opinions, thousands of townspeople showed up at City Hall to protest the erection of the nuclear power plant.

Words(15):
- protest
- show, voice
- ask, cheer, demonstrate, give, heckle, make, picket, stage, stand, support, uphold, vote

Letters(2):
- 20 a
- 10 o

7610.02 <perfume/perfume> new/pew (air, fir, scent, spent)

Dupont's new experimental chemical will perfume the air for days with its extremely potent scent.

Words(20):
- be, make
- burn, hopefully, save
- allow, benefit, break, completely, destroy, dissolve, ease, eliminate, extend, increase, keep, protect, radiate, revolutionize

Letters(2):
- 28 m
- 2 a

7610.03 <outline/outlive> vowed/towed (going, doing ever, even)

"I'll keep going until I either have no more energy left or until I'm dead," vowed the designer. "I'm not sure whether I'll ever be able to outline this gigantic project.

Words(17):
- finish
- complete
- get
- do
- convince, create, design, draw, find, fix, give, make, prove, quit, retire, see, stop

Letters(3):
- 18 v
- 11 n
- 1 r
7610.04 <squeaks/squeals> glove/globe (pick, pack try, cry)

"As you pick up the rat it squeals very angrily and it will probably try to nip your glove," the lab director said as he took one out of its cage.

Words(8):
18 will
6 may
1 bit, could, has, squeals, try, wiggles

Letters(2):
15 k, l

7610.05 <rewords/reworks> product/produce (over, ever has, was)

The intelligent and successful author, whether he is a novelist or a newspaperman, always reworks his writings over and over until he has a finely polished product.

Words(22):
5 writes
3 checks
2 knows, proof
1 considers, examines, explains, follows, gets, is, meets, must, plans, possess, practices, proofreads, rereads, stands, thinks, use, uses, write

Letters(2):
24 d
6 k

7610.06 <repeals/repeats> grave/grate (recent, decent free, tree)

The country can only hope that the Congress repeals legislation like the recent anti-trust laws. Otherwise the survival of a true free enterprise system in this country is in grave danger.

Words(11):
18 will
2 passes, won't
1 acquits, acts, does, finds, makes, of, stops, votes

Letters(2):
17 l
13 k
SEVEN LETTER WORDS

Verb or Adjective: Different Shape

7611.01 <explode/explore> ranks/racks (certain,pertain our,fur)

To make sure that no forgotten secret documents would fall into enemy hands, the soldiers made certain to explode the records building before the approaching ranks reached our outpost.

Words(10):
12 burn
5 eat
4 destroy
2 hide, keep
1 check, conceal; eliminate, hop, set

Letters(3):
17 x
12 d
1 x

7611.02 <deduces/deducts> charges/changes (safe,sane for,foe)

"I'm safe," thought the shifty executive, "unless the company's accountant deduces the suspicious looking charges from my expense account. Then I could be saddled with the bill and asked for an explanation."

Words(20):
4 audits, catches
3 discovers
2 finds, uncovers
1 asks, check, checks, digs, discover, double-crosses, gets, goes, is, looks, rechecks, reviews, runs, squeals, starts

Letters(2):
22 l
8 g

7611.03 <misfile/misfire> found/fount (make, fake found, wound)

The police lab technician used care not to misfile the testing bullets. Any mistake would make it impossible to do a comparison with the bullet found in the victim.

Words(17):
4 destroy, disturb
3 smudge, touch
2 contaminate, damage, smear
1 alter, break, get, leak, mess, misplace, overload, put, spoil, trample

Letters(2):
23 l
7 r
When Father Sebastian bought his new car, it was his hope that it would allow him to commute with the wiser priests of the order, but they spurned his show of materialism.

Words (14):
- travel
- visit
- get
- be
- see
- cover
- de
- drive
- expand
- have
- impress
- perform
- save
- start

Letters (2):
- 29
- 1

In response to his father's demands, David attempted to collage the many brightly-colored sheets into an ultimate product that would reflect well on the company.

Words (23):
- do
- excel
- finish
- clean
- commit
- demonstrate
- due
- explain
- find
- fix
- get
- give
- improve
- jump
- leave
- paint
- pass
- play
- prove
- shovel
- studied
- talk
- try

Letters (4):
- 15
- 13
- 1

Although it was his intention to confide the secret to only a few close friends, Starbuck found that within two days everyone knew of his upcoming promotion.

Words (36):
- do
- finish
- go
- leave
- quit
- return
- speak
- be
- comfort
- complete
- convince
- drive
- fire
- get
- head
- help
- make
- sing
- skip
- work
- write

Letters (2):
- 24
- 6
I know the chairman of the board was furious, but I had never meant to inflame his indignation with my angry reports at the meeting today.

Words(22):
5 make
3 say
2 cause, insult
1 accept, annoy, antagonize, break, carry, cater, cross, disregard, drive, fall, get, intimidate, kindle, lose, made, start, tell, upset

Letters(2):
19 t
11 m

This girl should be in a special class, thought Mrs. Green. She looked down again at the scrawny misshapened letters drawn by Maureen and shook her head.

Words(22):
4 test
3 child
2 brilliant, outstanding, paper
1 Monet-like, badly, essay, fantastic, girl, girls, immaculate, low, masterpiece, newspaper, painting, perfect, picture, poor, scores, stuttering, trembling

Letters(2):
28 n
11 m

Jeeves was explaining the duties of a butler to a new applicant for the position. "I know that educated men don't like this, because they consider it a servile job," he said, "but it does command a certain respect."

Words(18):
8 demeaning
3 menial, position
2 rather
1 act, an, deferential. degrading, insult, job, low, most, slave-like, step, subservient, task, very, woman's

Letters(5):
23 f
4 g, i, no response)
SEVEN LETTER WORDS

Seventh letter changes

Noun: Same Shape

After staring thoughtfully at his jeep for a few minutes, the sargent decided that a retreat would never be acceptable in the type of terrain they were likely to encounter the next day.

Words(23):
- new
- beer, bicycle, bird, clean, corporal, diplomatic, few, flat, gallon, hike, horse, jeep, leave, march, move, replacement, ticket, train, tune-up, washing

Letters(2):
- t
- d
Most people in the small town of Deeth still attended church each Sunday, even though there was a sort of atheist that had a great deal of influence among them.

Even though she was now over seventy years old, each Saturday evening Madam Beatrice went to visit her brother to learn how the business was progressing.

When the reporter arrived at the court room, he learned that the accused was a young man he had gone to parochial school with in a small village outside Baltimore.
Kenneth ran his new sailboat aground on a sandbar near the east bank of the Mississippi, just below Quincy.

It was clear to the young lawyer that the form of the new contract being drawn up gave much more protection to the insured than to anyone else.

For months after the accident had occurred Carl strongly maintained that it was the bowling that had saved his life.
Many of the arguments and explanations put forth by modern psychologists would easily be accepted by a Cartesian dualist, but this does not mean that thinking has stagnated in the philosophy of mind.

It was an important career decision, but Joe has finally opted to spend his life as part of the academe. Now all that remains is to see if the board hires him.

Several lawyers were seated in the restaurant talking about one of the worst whiplash suits on record when the waiter interrupted them, saying "I can tell you the truth about it, because I was the accused in that particular suit!"
7701.10  <concern/concert> heard/hoard (felt,feet said,paid)

Afterward, Sarah felt that what she had heard that evening was a great concert, and she said so in her next editorial.

Words(21):
- big
- deal, piece
- relief, symphony
- bit, bunch, clap, display, explosion, help, importance, inspiration, loss, new, reminder, rush, to, waste, way, wives

Letters(3):
- t
- a
- (no response)

7701.11  <doorman/doormat> feeling/fueling (all,ail were,wire)

Everybody was ignoring me at Mary's party. I was really feeling sad about it all. It was as if I were just a doorman or something.

Words(19):
- piece
- bump
- hole, nobody
- curtain, fifth, fixture, flower, fly, moron, pest, plain, plant, pole, rock, stranger, tiny, wall, wallflower

Letters(3):
- t
- a
- m

7701.12  <coupler/couplet> recent/regent (entire,entice that,than)

A recent computer program amazed the entire artificial intelligence community. The computer invented a couple, which is something that actually requires creativity.

Words(18):
- new
- program
- brand, character, clone, complex, country, cure, game, imaginary, language, problem, puzzle, robot, small, systems, very, whole

Letters(4):
- d
- t
- s
Mr. Swift carefully looked over the open cartons in the stock room of his store. He was pleased with the new product that he was receiving since he switched supply companies.

Words(15):
stock
line
merchandise, shipment, supply
products
and, assortment, clerk, design, location, method, packaging, product, style

Letters(2):
17 t
13 a

Ralph loved to rummage around the large chest in his grandmother's attic. There were old books, a quartet from 1856, buttonhooks, and a large collection of arrowheads from Arizona, among other things.

Words(23):
picture
family, large, photograph, wedding
Confederate, chair, couple, diary, faded, lamp, lock, map, notebook, painting, pair, photo, rocking, saber, sheaf, ukelele, uniform, wood

Letters(2):
27 r
3 l

It was clear to almost all the occupants of the small Dutch town that the tourist from Germany was having a negative effect on their way of life.

Words(22):
dike
mayor
English, king
Germans, Nazi's, big, crops, danger, food, new, polder, recent, storm, strangers, tax, taxes, tourists, tulips, windmill, windmills, young

Letters(2):
29 t
1 m
SEVEN LETTER WORDS

Seventh letter changes

Verb or Adjective: Same Shape

7710.01 <skilled/skillet> position/positron (well,bell work,word)

The retirement party at the ironware company was well attended. Mr. Price was highly regarded as a skilled designer, and his work had vaulted the company into a position of marketing leadership.

Words(24):
3 friend, good
2 man, worker
1 an, church-going, consultant, devoted, excellent, fine, founder, great, hard, kind, maverick, nice, outstanding, past, priceless, salesman, top, up, very, (no response)

Letters(2):
29 d
1 e

7710.02 <retrace/retract> latest/latent (some,home said,laid)

Because some minority organizations said they were offended, the governor was careful to retract some of the statements he made in his latest speech.

Words(24):
4 not
3 choose
2 be, make, speak, word
1 amend, appoint, avoid, censor, explain, hedge, hire, include, limit, measure, reword, use, voice, watch, what

Letters(3):
28 t
1 e, o

7710.03 <flatten/flatter> door/doom (might,fight make,take)

In planning his escape from the penitentiary, Horace decided that if he could flatter the guard at the first door, he might make it.

Words(18):
8 get
2 bribe, dig, distract, just, only
1 accomplish, avoid, break, cause, disguise, divert, drug, gain, hide, kill, run, swim

Letters(2):
23 p
7 r
Professor Stoetzel found that he could print his graphs on transparencies and then *overlap* one graph upon another to visually demonstrate the similarities in his findings.

The young critic felt that, even when an author's work was not up to his normal standards, it was better to *commend* than to ignore it.

I saw in the Communist newsletter *today* that the *fascist* debate is going to begin this week at the UN.
Chuck has an important job in a USDA lab as a biochemist. His job is to check the calorie content of different foods.

**Words (21):**
- meat
- chemical, quality
- fat, food
- amount, bacterial, beakers, beef, different, drug, experiments, grading, levels, many, mercury, protein, pureness, rat, slides,
  (no response)

**Letters (2):**
- e
- a

7710.07 <calorie/calorie> check/cheek (lab, lay content, contest)
SEVEN LETTER WORDS

Seventh letter changes

Verb or Adjective: Different Shape

7711.01 <ensnare/ensnarl> force/forge (piles, miles forms, farms)

The University will force you to fill out piles of forms in order to firmly ensnare you in the bureaucracy.

Words(12):
18 establish
2 get
1 decide, deny, discourage, imprint, initiate, insure, intimidate, secure, show, state

Letters(4):
24 e
4 i
1 n, (no response)

7711.02 <seminal/seminar> topic/toxic (have, save that, what)

Although he wouldn't have predicted it in advance, the young professor found that the seminal topic had to do with certain differences in neurotransmitter substances in the octopus.

Words(22):
4 students
3 class, experiment
2 girls
1 best, daily, demands, freshman, freshmen, graduate, harder, life, most, new, newer, population, rat, result, solution, teaching, undergraduates, university

Letters(2):
29 r
1

7711.03 <seventh/seventy> point/joint (found, mound field, yield)

When Fred reached the point where the marathon was to begin he found that he was seventy in a field of over two hundred runners.

Words(18):
5 the
3 an
2 a, already, last, one, too, two
1 excited, in, late, more, nervous, number, thinking, three, very, week

Letters(3):
17 h
11 y
2 (no response)
The man never told me that Mr. Wald's house in the back woods was actually a hideous place. I learned that myself.

Words(26):
- log
- hideout, mansion
- an, beautiful, broken, cabin, hideaway, historic, large, meeting, private, range, run-down, sanctuary, secret, shack, solarium, still, sugaring, summer, torture, trailer, used, very, warehouse

Letters(2):
- 26 t
- 4 a

Everyone said that if the gravy had been thinned it would have been nearly perfect. It had an excellent flavor as it was.

Words(15):
- hot
- any, (no response)
- thicker
- a, better, cooked
- boiled, bottled, browned, in, smooth, thick, thinner, without

Letters(2):
- 22 r
- 8 d

The design of this new butcher's knife makes it sharper with the new rounded edges. It will make all other designs obsolete.

Words(21):
- blade
- steel
- handle, serrated, style, type
- alloy, aluminum, concave, curve, cutting, design, double, edge, finer, horse, kind, metal, steak, technology, toledo

Letters(3):
- 24 e
- 5 r
- 1
Eric Riddle went to the baptism service even though he claimed he was against the church. He said he went just for his nephew's sake.

Words (23):
- store
- doctor, grocery
- Saturday, bar, bookstore, box, center, dance,
  - doctor's, employment, five, house, library,
  - market, matinee, office, restroom, same, scene,
  - school, theater, top

Letters (2):
- m

One of the best teachers ever, Mr. Yang quizzes his English classes on spelling every day.

Words (17):
- was
- always, died, left, teaches, took
- couldn't, eats, has, knows, made, really,
  - received, retired, went

Letters (3):
- a

The 10:00 PanAm flight to L.A. whizzes over our home faithfully every day, much to our irritation.

Words (8):
- was
- will
- is
- arrived, arrives, crashed, has, left

Letters (3):
- a