

1. Which letter occurs twice in the word AMERICA and twice in AUSTRIA? ()
2. Which letter occurs three times as often in EXASPERATE as it does in CUTANEOUS? ()
3. Which letter occurs only once in HABERDASHER but twice in DRESSER? ()
4. One fifth of a number plus 12 equals half of 40. What is the number? ()
5. I get a total of 19 when I add a third of 18 to a certain number. What is the number? ()

In the sentences below TWO words must change places in order for the sentences to make sense. Underline the TWO words which must change places.

Look at this example: The wood was made of table.

6. The driving cold made them rain and miserable.
7. A lot of harsh died during the birds winter.
8. Skiing is winter popular a sport.
9. Public give a great service to the hospitals.
10. A bird in the bush is worth two in the hand.

The table below gives some information about the addition of numbers in the left hand column to those in the top row.

Complete the table correctly.

11. 12.	+	5.3		
13.		9.8	17.2	9.2
14. 15.		8.7	16.1	

In each line below write, in the brackets, one letter which completes the word in front of the brackets and the word after the brackets.

Look at this example: ROA (D) OOR

16. PO () OWN 17. STOR () EEN
 18. SATI () OBLE 19. FOO () ABLE
 20. STEA () EGAL

In each line below underline TWO words, ONE from each side, which together make ONE correctly spelt word. The word on the left always comes first.

Look at this example: BLACK ALL TOP AND BIRD BOY

21. HOST GRASS TREE GREEN AGE AT
 22. OUT IN ON TRAIN PAT AUDIBLE
 23. IF AND SO IT UP NO
 24. SON BE BY TOWN TEST AT
 25. LET MAN BOY AT IF OR

In the following questions a letter can be taken from the first word and put into the second word to form TWO new words. Write both NEW words.

Example. THEN TANK (TEN) (THANK)

The H moves from THEN to THANK and makes the new words TEN and THANK.

26. INSERT FONT () ()
27. MONTHS MAY () ()
28. SHOES LET () ()
29. FRICTION BEAST () ()
30. THANK CASE () ()

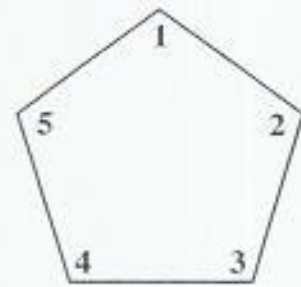
Five politicians A, B, C, D, and E have offices at the five corners of this pentagon.

The corners are numbered 1 - 5.

E's office is opposite D's which is furthest east.

No-one has an office further north than C.

B is not to the east of A.



31. Which politician has his office at number 1? ()
32. Which politician has his office at number 2? ()
33. Which politician has his office at number 3? ()
34. Which politician has his office at number 4? ()
35. Which politician has his office at number 5? ()

In questions 36 - 42 the three words A, B and C are in alphabetical order. The word at B is missing and you are given a dictionary definition. Write the correct word in the space.

Look at this example:

- A) FLAP
- B) (F L A R E) Distress signal from a boat.
- C) FLASH

- 36. A) SHACKLE
 - B) (_ _ _ _ _) Patch of shade.
 - C) SHAKE
-
- 37. A) PROSPER
 - B) (_ _ _ _ _) To keep from harm.
 - C) PROUD
-
- 38. A) EXCLUDE
 - B) (_ _ _ _ _) To forgive, to free from blame or duties.
 - C) EXECUTE
-
- 39. A) TREAT
 - B) (_ _ _ _ _) To make three times as much.
 - C) TREE
-
- 40. A) WAIST
 - B) (_ _ _ _ _) To be in a place in readiness.
 - C) WAKE
-
- 41. A) FLEECE
 - B) (_ _ _ _ _) A number of ships.
 - C) FLESH
-
- 42. A) MELON
 - B) (_ _ _ _ _) To become liquid from solid.
 - C) MEMORY

Complete these sequences by inserting the correct number in the brackets.

43. 9.6, 8.2, 6.8, 5.4, ()
44. 2, 5, 11, 23, ()
45. 89.1, 29.7, 9.9, 3.3, ()
46. 8, 27, 64, 125, ()
47. 127, 118, 111, 106, ()
48. 2, 10, 50, 250, ()
49. 10.4, 12.5, 14.6, 16.7, ()

In the paragraph below five words are missing. Choose the most appropriate words from the lists below. One word from list A fills the space at A, one word from list B fills the space at B and so on.

Underline the word you choose.

The (A) of bells rang out (B) the people to church. It was snowing (C) and everything was covered in a fine sprinkle of snow. The December air was sharp and people were coming to celebrate (D) in a church which had been (E) in a festive manner.

- | | | | | |
|--------|----------|---------|------------|-----------|
| 50. A | 51. B | 52. C | 53. D | 54. E |
| CLANG | CALLING | HEAVILY | EASTER | BUILT |
| PEEL | SHOUTING | HARD | CHRISTMAS | COVERED |
| PEAL | TELLING | SLOWLY | LENT | DECORATED |
| COVER | MAKING | LIGHTLY | HALLOWE'EN | DESIGNED |
| RATTLE | TALKING | QUICKLY | MASS | INFECTED |

In each question 55 - 60 the numbers in the second column are formed from the numbers in the first column by using a certain rule. A different rule is used in each question.

Put the correct answer opposite the arrow.

- | | | | | | | | | | | | |
|-----|-----|---|-----|-----|---|---|-----|-----|-----|---|-----|
| 55. | 2 | → | 4 | 56. | 3 | → | 3 | 57. | 12 | → | 12 |
| | 3 | → | 9 | | 4 | → | 8 | | 20 | → | 16 |
| | 4 | → | 14 | | 5 | → | 15 | | 40 | → | 26 |
| | 5 | → | | | 6 | → | | | 44 | → | |
| 58. | 2.4 | → | 0.6 | 59. | 3 | → | 30 | 60. | 217 | → | 208 |
| | 3.6 | → | 0.9 | | 4 | → | 68 | | 326 | → | 317 |
| | 4.4 | → | 1.1 | | 5 | → | 130 | | 456 | → | 447 |
| | 6.4 | → | | | 6 | → | | | 538 | → | |

Underline the word in the brackets that the object outside the brackets ALWAYS has.

Look at this example: A cat always has (KITTENS, MILK, MOUSE, FUR)

61. A garden always has (ROSES, SOIL, HEDGES, PATHS)
62. A bat always has (YOUNG, CAVE, FUR, BELFRY)
63. A village always has (BUSES, RAILWAYS, SCHOOLS, BUILDINGS)
64. A book always has (PAGES, WORDS, PICTURES, INDEX)
65. A chicken always has (EGGS, NEST, ROOSTER, FEATHERS)
66. A plant always has (ROOTS, FLOWERS, STEMS, BUDS)

Paula is now three times as old as Jane will be in 5 years time.
In 5 years Paula will be 29 years old.

67. What age is Paula now? ()
68. What age is Jane now? ()
69. What age will Jane be in 8 years? ()

In a certain system of counting

5 is written as X

7 is written as XY

11 is written as XXZ

13 is written as XXW

19 is written as XXXV

In this system of counting, how are these numbers written?

70. 2 () 71. 8 () 72. 14 () 73. 3 ()

ABCDEFGHIJKLMNOPQRSTUVWXYZ

In a certain code

ZEBRA

was written as

CHEUD

HORSE

was written as

KRUVH

POLAR BEAR

was written as

SRODU EHDU

Write these words in code.

74. MONKEY () 75. RABBIT ()

Decode these words

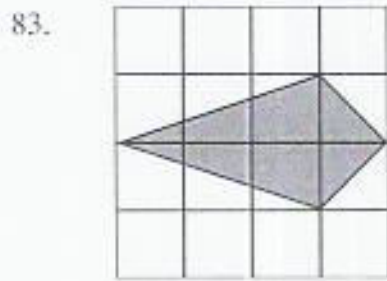
76. ILQFK () 77. FDJH ()

A man cashes a cheque for £12.98 and receives the money in the smallest possible number of each note and coin shown below. How many of each does he receive?

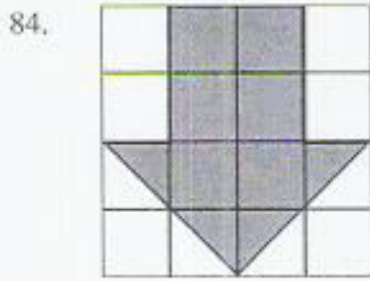
(Use only the notes and coins given.)

78. £5 notes () 79. 50p coins () 80. 10p coins ()
 81. 5p coins () 82. 1p coins ()

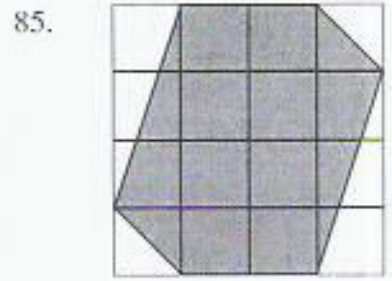
Each shape is drawn on 16 small squares which are all the same size and which join together to form one large square. Calculate what fraction of each large square is shaded.



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