4. Which of the five designs is least like the other four?

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| Which of the five makes the best comparison? | 11 1 | 100 | 10.0 |
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| NICKEL | 2. Which | Answer_ C | YYZZZYZZY 221221122 (a) |
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| IN | 2. Which of the five is least like the other four? | Answer: \mathbf{C} Substitute numbers for letters: $Y = 2$: $Z = 1$. | YYZZZYZZY is to 221112112 as YYZZYZZY is to: 221221122 22112122 11221 11221 (a) (b) (c) (d) |
| STEEL | s least like t | imbers for lette | 2 as YYZZYZZY is to: 22112112 112212211 (c) (d) |
| IRON | he other fou | yrs: Y = 2; Z = 1 | Y is to: 112212211 (d) |
| COPPER | ri | | 212211212 (e) |

Answer. C. (combination of two metals). (Steel) The others are simple metals; steel is an alloy

(a)

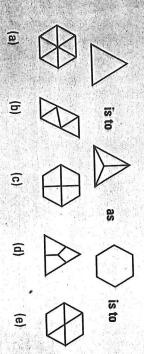
<u>(b)</u>

<u>(c)</u>

回

(e)

Which of the five designs makes the best comparison?



Answer: A sided triangle is divided into three equal parts by lines The six-sided hexagon is divided into six equal parts by drawn from its outside vertices. lines drawn from its outside vertices, just as the three-

> 豆 0 0

Answer: 3 All the others are made with three lines; V is made with two lines.

Jerry received both the 15th highest and the 15th lowest mark in the class. How many students are in the class!

3 **b** <u>C</u> 29 <u>a</u> 32 (e)

(a) 3

Answer: 0 Jerry is the 29th student; the one in the middle. There are 14 students higher and 14 students lower.

6. Which of the five is least like the other four?

DICTIONARY BIOGRAPHY ATLAS ALMANAC DIRECTORY (a) <u>6</u> 亘 æ

Answer: 8 All the others are reference books. A biography is a narrative.

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Answer: A The others are consonants; A is a vowel

8. Which of the five makes the best comparison?

Foot is to hand as leg is to:

ELBOW (a) PIANO (b) (c) TOE FINGER (<u>a</u> ARM (e)

Answer. E A foot is attached to a leg; a hand is attached to an arm.

9. Which of the five designs makes the best comparison?

is to

Answer: reversed. The square changes to a triangle and the shading is

> 10. If all Ferpies are Worgs and no Worgs are Sprickles, then no Sprickles are definitely Ferpies.

This statement is definitely:

TRUE FALSE NEITHER <u>b</u> <u>S</u>

(e)

Answer: Example: If all dogs are animals and no animals are plants, then no plants are definitely dogs.

11. Of the following numbers, which one is least like the others?

Answer: 15 by themselves and 1. Fifteen is not a prime number. It The others are prime numbers—they can be divided only can be divided by itself, 1, 3, and 5.

12. Which of the five designs is least like the other four?

<u>e</u>

Answer: C C is only a curve. The others are all made from a straight line and a curve.

19. Which of the five makes the best comparison?

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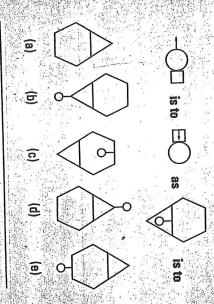
Answer: Love is the opposite of hate. Valor is the opposite of cowardice.

20. The price of an article was cut 50% for a sale. By what percent must the item be increased to again sell at the original price?

(a) 25% 50% (b) 75% <u>(C)</u> (b) 100% 200% æ

Answer: Example: A \$20.00 item cut 50% will sell for \$10.00. To \$10.00, which is 100% of \$10.00. again sell for \$20.00, the item must be increased by

21. Which of the five designs makes the best comparison?



Answer: E The position of the geometric figures is reversed. The line but is reversed. figuration remains on the same side of the configuration.

22. Which of the five is least like the other four?

SQUASH PUMPKIN TOMATO (a) E CUCUMBER CORN

Answer: m Com. The others grow on vines. Com grows on a stalk.

23. Which of the five makes the best comparison?

(a) STORY Hole is to donut as pages are to: WORDS The hole is inside the doughnut, and the pages are inside 6 CONTENTS INDEX 亘 COVER (e)

Answer: E

the cover.

24. Kim was sent to the store to get 11 large cans of fruit. Kim could carry only 2 cans at a time. How many trips to the store did Kim have to make?

9 51/2 **b** 0 93 0 (e)

Answer: C 11 - 2 = 51, It takes 6 trips; a half trip won't get the last can home.

Self-Scoring I.Q. Test

16. Anne received \$0.59 change from a supermarket pur-

PENNIES NICKELS DIMES QUARTERS HALF DOLLARS

(b)

<u>(c)</u>

<u>a</u>

(e)

three were exactly alike. These three coins had to be: chase. Of the eleven coins she received in change,

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- (a) Sam is older than Mark.
- (b) Sam is younger than Mark.
- (c) Sam is as old as Mark.
- (d) It is impossible to tell whether Sam or Mark is older.

Answer:

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Four dimes, three nickels, and four pennies is the only

solution.

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| only know that both Mark and Sam are Younger user. Terry. | Answer: D Without more information it is impossible to tell. We |

14. Which of the five designs is least like the other four?

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Answer: C It is made with only straight lines. The others are made with straight lines and curves.

15. Which of the five makes the best comparison!

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Answer: 0 Substitute numbers for letters: L=8, E=3, A=2, P=6. Peal = 6328.

17. Which of the five is least like the other four?

| PECK OUNCE PINT CUP QUART (a) (b) (c) (d) (e) (a) Peck is the only dry measure; the others measure both | A | | | | | |
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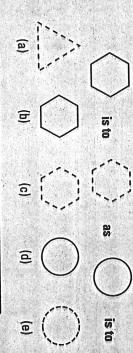
liquid and dry quantities.

18. Three enemy messages were intercepted at communications headquarters. The code was broken, and it was found that "Berok tenlis krux" means "Secret attack plans included" and "Gradnor berok plil elan" means "Wednesday victory is ours." What does "krux" mean? Wednesday" and "Baroom zax tenlis" means "Secret

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| | ATTACK PLANS |

Answer: D tenlis = secret; berok = Wednesday; krux = attack

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| | 75. Which of the five designs makes the best comparison | |



Answer: E It is a comparison of the same figure, solid to broken line.

26. If all Pleeps are Floops and all Floops are Leepies, then all Pleeps are definitely Leepies.

This statement is definitely:

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Answer: A Example: "If all dogs are mammals and all mammals are animals, then all dogs are definitely animals.

27. Which of the five designs is least like the other four?

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Answer: C All the others are made with two lines; N is made with three lines.

> 28. Jim, John, Jerry, and Joe together bought a basket of apples did Jim receive? more than Jerry, and 32 more than Joe. How many 144 apples. Jim received 10 more apples than John, 26

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Answer: C Jim received 53; John received 53 – 10 or 43; Jerry received 53-26 or 27; Joe received 53-32 or 21. algebraically as well. 53 + 43 + 27 + 21 = 144. This problem may be solved

29. Which of the five is least like the other four?

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Answer: D The others are senses; eating is a body function.

30. Which of the five makes the best comparison?

Daughter is to father as niece is to: NEPHEW (a) COUSIN UNCLE <u>c</u> MOTHER 回 BROTHER (e)

Answer: C Daughter is the female child of father; niece is the female child of uncle.

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Answer: 00 the large figure it is inside. The small figure inside the other figures is the same as

32. Which number does not belong in the following series:

Answer: 11 The order is plus one, double the first figure; plus two, plus tour. double the third figure; plus three, double the fifth figure,

33. Which of the five makes the best comparison?

GILLS Bark is to tree as scales are to: ELEPHANT BUTCHER <u>(C)</u> FISH 0 SKIN (e)

(a)

Answer: Bark is on the outside of a tree; scales are on the outside

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Answer: D The others are or can be domesticated, pheasant is wild.

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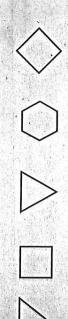
Answer: A A verb must go in the space. Example: The teacher walked quickly down the hall. walked quickly toward the open door. Then the teacher

36. The fish has a head 9 inches long. The tail is equal to is the fish? The body is the size of the head plus the tail. How long the size of the head plus one half the size of the body.

27 inches Answer: (a) 54 inches 63 inches 36 inches, 9 inches ± 27 inches ± 36 inches $\equiv 72$ inches. 27 inches. The body is 9 inches + 19 inches + 9 inches =The head is 9 inches. The tail is 18 inches + 9 inches = <u>(</u> (c) 72 inches <u>a</u> 81 inches (e)

This may be solved algebraically as well.

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Answer: E

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All the other figures are symmetrical.

38. If you rearrange the letters in "NAICH," you would have the name of a(n):

COUNTRY Answer: A "NAICH" = "CHINA." OCEAN **(b)** STATE <u>0</u> CITY (d) ANIMAL (e)

39. Jack is 15 years old, three times as old as his sister. How old will Jack be when he is twice as old as his sister?

Answer: 8 Jack is ten years older than his sister. In five years Jack will be 20, and his sister who is now 5 will be 10.

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| 40. Which of the five designs makes the best comparison: |

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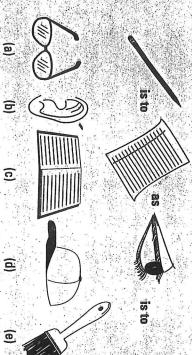
Answer: C The square is a direct frontal view of the cube that is view of the pyramid then seen from the right. then seen from the right. The triangle is a direct frontal

41. Slok are more zitful than mulk, but pringling flex are most of all.

SLOK Which word belongs in the blank space? (a) ZITFUL **(b)** MULK ন PRINGLING **a** KELEX (e)

Answer: B An adverb is required. Example: Nickels are more valuable than pennies, but twenty dollars are most valuable of all.

42. Which of the five makes the best comparison?



Answer: C son uses an eye for the purpose of reading. A person uses a pencil for the purpose of writing; a per-

43. If you rearrange the letters in "SHORE," you would have the name of a(n):

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44. Which number does not belong in the following series?

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Answer. 12 The series is made from counting by twos.

45. Which of the five makes the best comparison?

| Answer | (a) | HTUON | Jas is t |
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| Answer: D Gas provides energy for a car, food provides energy for a | (b) | STOMACH | as is to car as food is to: |
| s energy for a | (c) | ENERGY | |
| a car; food p | (p) | Y BODY | |
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Answer:

46. Which of the five designs is least like the other four? (a) 0

Answer: 0 even number. All the others have an odd number of squares. B has an

47. Which of the five is least like the other four?

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Answer: All the others have six letters; Wichita has seven

Answer. B

"uptum."

Sad can be combined with sack to make the word "sad-

sack." Up can be combined with turn to make the word

48. If some Tripples are Tropples and all Bolars are Tropples, then some Tripples are definitely Bolars

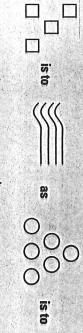
This statement is:

TRUE (a) SIM NEITHER

<u>(C</u>

Answer: B Example: "If some cars are green and all leaves are green, then some cars are definitely leaves.

49. Which of the five designs makes the best comparison?



Answer: E Four figures change into four figures. Six figures change into six figures.

50. Which of the five makes the best comparison?

Sack is to sad as turn is to:

TACK

(a)

F **(b)** TURF <u>(c)</u> BURN <u>a</u> **Y01** (e)

51. Which of the five designs is least like the other four?

Answer: A It does not have a twin

52. Which letter does not belong in the following series?

I * 3 Z P

Answer: N The series is made up of every fourth letter of the alphabet starting with B.

53. Which of the five makes the best comparison?

Pillow is to pillowcase as arm is to:

BODY (a) SLEEVE 色 HAND <u>o</u> GLOVE RING æ

8 A pillow fits inside a pillowcase. An arm fits inside a

54. Which of the five is least like the other four?



<u>d</u>

(a)

Answer:

0

of a head.

All the others hold something inside. The cap fits on top

<u>a</u>

(C) <u>e</u>

55. Which of the five is least like the other four

6

(a)

The others all show mathematical relationships. + is a

mathematical operation.

Answer:

56. If all Truples are Glogs and some Glogs are Glips, then some Truples are definitely Glips.

This statement is:

TRUE FALSE NEITHER

(a) **b**

<u>(c)</u>

Answer: B Example: "If all cats are animals and some animals are dogs, then some cats are definitely dogs.

> 57. If you rearrange the letters in "TALCATIN," you would have the name of a:

COUNTRY <u>a</u> OCEAN (b) STATE <u>ල</u> CITY 0

ANIMAL

(e)

58. Which of the five is least like the other four? Answer: **C**0 "TALCATIN" = "ATLANTIC."

ARTIST GOLFER NEWSCASTER DANCER MECHANIC

<u>a</u> (b)°

Answer:

0

words.

(C) (b) (e)

All the others must use their hands and/or body but not

words to perform their jobs. The newscaster must use

59. Which of the five does not belong in the series?



Answer: D order starting at the top and going clockwise. The others have a sequence of letters in alphabetical

60. Which of the five is least like the other four?

WATER SUN GASOLINE MIND (e) CEMENT

(a) 豆

(D

Answer:

m

The others can all be used as sources of energy.