

1. Which one of the five is least like the other four? Answers and explanations
BEAR - SNAKE - COW - DOG - TIGER
2. If you rearrange the letters "BARBIT", you would have the name of a:
OCEAN - COUNTRY - STATE - CITY - ANIMAL
3. Which one of the five designs makes the best comparison?
4. Which one of the five is least like the other four?
POTATO - CORN - APPLE - CARROT - BEAN
5. Which one of the five designs makes the best comparison?
6. John, twelve years old, is three times as old as his brother. How old will John be when he is twice as old as his brother?
15 - 16 - 18 - 20 - 21
7. Which one of the five makes the best comparison?
Brother is to sister as niece is to:
MOTHER - DAUGHTER - AUNT - UNCLE - NEPHEW
8. Which one of the five designs is least like the other four?
9. Which one of the five makes the best comparison?
Milk is to glass as letter is to:
STAMP - PEN - ENVELOPE - BOOK - MAIL
10. Which one of the five is least like the other four?
11. Which one of the five choices makes the best comparison?
LIVE is to EVIL as 5232 is to:
(A) 2523 (B) 3252 (C) 2325 (D) 3225 (E) 5223
12. "If some Smaugs are Thors and some Thors are Thrains, then some Smaugs are definitely Thrains."
This statement is: TRUE - FALSE - NEITHER
13. Which one of the five designs is least like the other four?
14. Which one of the five makes the best comparison?
Tree is to ground as chimney is to:
SMOKE - BRICK - SKY - GARAGE - HOUSE
15. Which one of the numbers does not belong in the following series?
9 - 7 - 8 - 6 - 7 - 5 - 6 - 3
16. Which one of the four is least like the other four?
TOUCH - TASTE - HEAR - SMILE - SEE
17. Which one of the five designs makes the best comparison?
18. Jack is taller than Peter, and Bill is shorter than Jack.
Which of the following statements would be most accurate?
(A) Bill is taller than Peter.
(B) Bill is shorter than Peter.
(C) Bill is as tall as Peter.
(D) It is impossible to tell whether Bill or Peter is taller.

19. Which one the five is least like the other four?
STOCKING - DRESS - SHOE - PURSE - HAT
20. Which one of the five makes the best comparison?
CAACCAC is to 3113313 as CACAACAC is to:
(A) 13133131 (B) 13133313 (C) 31311131 (D) 31311313 (E) 31313113
21. If you rearrange the letters "RAPIS", you would have the name of a:
OCEAN - COUNTRY - STATE - CITY - ANIMAL
22. Which one of the designs is least like the other four?
23. Which one of the five makes the best comparison?
Bullet is to gun as ball is to:
BAT - SLINGSHOT - CANNON - PITCHER - CATAPULT
24. "If some Bifurs are Bofurs and all Gloins are Bofurs, then some Bifurs are definitely Gloins."
This statement is: TRUE - FALSE - NEITHER
25. Which one of the designs is least like the other four?
26. Which one of the letters does not belong is the following series:
A - D - G - I - J - M - P - S
The answer is:
D - I - J - M - S
27. Which one of the five designs makes the best comparison?
28. The price of an article was cut 20% for a sale. By what percent must the item be increased to again sell the article at the original price?
15% - 20% - 25% - 30% - 40%
29. Which one of the five is least like the other four?
COPPER - IRON - BRASS - TIN - LEAD
30. Which one of the five designs makes the best comparison?
31. Which one of the five is least like the other four?
BOTTLE - CUP - TUB - FUNNEL - BOWL
32. Mary had a number of *****s. After eating one, she gave half the remainder to her sister. After eating another *****, she gave half of what was left to her brother. Mary now had only five *****s left. How many *****s did she start with?
11 - 22 - 23 - 45 - 46
33. Which one of the five is least like the other four?
WHEAT - HAY - BARLEY - OATS - RICE
34. Which one of the numbers does not belong is the following series?
2 - 3 - 6 - 7 - 8 - 14 - 15 - 30
THREE - SEVEN - EIGHT - FIFTEEN - THIRTY
35. Which one of the five designs makes the best comparison?
36. "A spaceship received three messages in a strange language from a distant planet. The

astronauts studied these messages and found that "Elros Aldarion Elendil" means "Danger Rocket Explosion" and "Edain Mnyatur Elros" means "Danger spaceship Fire" and "Aldarion Gimilzor Gondor" means "Bad Gas Explosion".

What does "Elendil" mean?

DANGER - EXPLOSION - NOTHING - ROCKET - GAS

37. Which one of the five is least like the other four?

38. Which one of the five makes the best comparison?

Belt is to buckle as shoe is to:

SOCK - TOE - FOOT - LACE - SOLE

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

40. John received \$.41 change from a purchase in the drugstore.

If he received six coins, three of the coins had to be:

PENNIES - NICKLES - DIMES - QUARTERS - HALF-DOLLARS

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

42. If you rearrange the letters "MANGERY", you would have the name of a:

OCEAN - COUNTRY - STATE - CITY - ANIMAL

43. Which one of the five designs makes the best comparison?

44. "If all Wargs are Twerps and no Twerps are Gollums, then no Gollums are definitely Wargs."

This statement is: TRUE - FALSE - NEITHER

45. Which one of the five is least like the other four?

HORSE - KANGAROO - ZEBRA - DEER - DONKEY

46. Which one of the designs does not belong in the following series?

47. Which one of the five makes the best comparison?

Finger is to hand as leaf is to:

TREE - BRANCH - BLOSSOM - TWIG - BARK

48. "John's mother sent him to the store to get 9 large cans of peaches. John could only carry 2 cans at a time. How many trips to the store did John have to make?

4 - $4\frac{1}{2}$ - 5 - $\frac{1}{2}$ - 6

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

50. Which one of the five make the best comparison?

Foot is to knee as hand is to:

FINGER - ELBOW - TOE - LEG - ARM

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

52. Mary was both 13th highest and 13th lowest in a spelling contest.

How many people were in the contest?

13 - 25 - 26 - 27 - 28

53. Which one of the five makes the best comparison?

Water is to ice as milk is to:

HONEY - CHEESE - CEREAL - COFFEE - *****

54. Which one of the numbers does not belong in the following series?

1 - 2 - 5 - 10 - 13 - 26 - 29 - 48

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

HAM - LIVER - SALMON - PORK - BEEF

56. "If all Fleeps are Sloops and all Sloops are Loopies, then all Fleeps are definitely Loopies."

This statement is: TRUE - FALSE - NEITHER

57. Which one of the five designs makes the best comparison?

58. Which one of the five is least like the other four?

INCH - MILE - ACRE - YARD - FOOT

59. Which one of the five designs makes the best comparison?

60. "A fish has a head 9" long. The tail is equal to the size of the head plus one-half the size of the body. The body is the size of the head plus the tail."

How long is the fish?

27" - 54" - 63" - 72" - 81"

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1. SNAKE All the others have legs; the others are mammals.

2. ANIMAL "BARBIT" = RABBIT.

3. D The triangles and squares change place, and the vertical figure becomes horizontal.

4. APPLE The others are vegetables.

5. B Since this is a reverse comparison, the solid line triangle is the reverse of the broken line square.

6. 16 John's brother is 4. In 4 years the brother will be 8, and John will be 16 or twice as old.

7. NEPHEW Brother and sister, and niece and nephew are all opposites.

8. E All the others are made with only 3 lines; E is made with 4 lines.

9. ENVELOPE Milk goes into a glass, just as a letter goes into an envelope.

10. E The large circle has a smaller figure of itself inside; the others have different figures inside.

11. C EVIL is the reverse spelling of LIVE; the reverse of 5232 is 2325.

12. FALSE Example: "If some cats are animals and some animals are dogs, then some cats are definitely dogs." We cannot make this assumption definitely.

13. D It is the only one made with circles.
14. HOUSE A tree comes up out of the ground, just as a chimney comes up out of a house.
15. THREE The order is "minus 2, plus 1, minus 2, plus 1," etc. Three violates this order.
16. SMILE The others are senses; smile is a facial expression.
17. B The first two designs point in the same direction, just as the triangle and figure B point in the same direction.
18. D Without more information it is impossible to tell. We only know that both Peter and Bill are shorter than Jack.
19. PURSE The others are all articles of clothing that are worn.
20. D Substitute numbers for letters; C = 3 and A = 1.
21. CITY "RAPIS" = PARIS.
22. B It is not made with straight lines.
23. CANNON A bullet is fired from a gun, and a ball is fired from a cannon. The others do not involve an explosive force.
24. FALSE Example: "If some cars are green and all leaves are green, then some cars are definitely leaves." We cannot make this assumption definitely.
25. B The numbers indicate the position of the letters in the alphabet. E is the 5th letter in the alphabet, not the 6th.
26. I The order is "A, skip 2 letters, D, skip 2 letters, G," etc. I violates this order.
27. D The geometric figures are reversed, and the position of the crosses and arrows either inside or outside the figures is reversed.
28. 25% Example: A \$1.00 item reduced 20% will sell for 80cent. To sell it at \$1 .00 again, you must increase the price 20%. 20cent is 25% of 80cent.
29. BRASS The others are simple metals; brass is an alloy (a combination of two metals).
30. E 3 figures change into 3 different figures, and 5 figures change into 5 different figures.
31. FUNNEL The others hold liquids; liquids pass through a funnel.
32. 23 23-1 = 22. 1/2 of 22 = 11. 11 - 1 = 10. 1/2 of 10 = 5, the number of *****s Mary had left.
33. HAY The others are grains; hay is a grass.

34. EIGHT The order is "plus 1, times 2, plus 1, times 2," etc. Eight violates this order.
35. B The designs are reversed, and one side is removed from the smaller figure.
36. ROCKET Elros = Danger, Aldarion = Explosion, therefore Elendil must mean Rocket.
37. B All other objects begin with the letter "S"; knife begins with the letter "K"
38. LACE You buckle a belt, just as you lace your shoes.
39. D It is divided into 4 parts; the others are divided into 3 parts.
40. DIMES 3 dimes, 2 nickles, and 1 penny is the only possible solution.
41. D The other figures are divided into the same number of triangles as the number of sides the figure has.
42. COUNTRY "MANGERY" = GERMANY.
43. E A hand goes into a mitten, just as a foot goes into a shoe.
44. TRUE Example: "If all dogs are animals and no animals are plants, then no plants are definitely dogs." We can definitely make this assumption.
45. KANGAROO The others walk on 4 legs.
46. D The letters in the other squares all move in order in a clockwise direction.
47. TWIG Finger is an appendage of the hand, just as a leaf is an appendage of a twig.
48. 5 9 divided by 2 = $4\frac{1}{2}$, but it takes 5 trips even though John will only get one can on one of the trips.
49. E It does not have a twin.
50. ELBOW Foot is attached to leg and knee is a joint in the leg. Hand is attached to arm and elbow is a joint in the arm.
51. D It has 2 black stripes; the other have 1.
52. 25 There are 12 students lower and 12 students higher, plus Mary is 25.
53. CHEESE Water changes into ice, and milk changes into cheese.
54. 48 The order is "times 2, plus 3, times 2, plus 3," etc. 48 violates the order.
55. SALMON The others are meats; salmon is a fish.
56. TRUE Example: "if all dogs are mammals and all mammals are animals, then all dogs are definitely animals." We can definitely make this assumption.
57. E Circles change into squares, and the shading is reversed.

58. ACRE Acre measures area; the others measure distance.

59. C The 4 sided square is divided into 4 squares, just as the 3 sided triangle is divided into 3 triangles.

60. 72" The head is 9". the Tail is $18" + 9" = 27"$. The body is $9" + 18" + 9" = 36"$.
91, $+ 27" + 36" = 72"$ -This maybe solved algebraically as well