

1. When Pinocchio lies, his nose gets 8cm longer. When he says the truth, the nose gets 3 cm shorter. When his nose was 7 cm long, he said 5 sentences and after that his nose got 25 cm long. How many of pinocchio's sentences were true?

(A) 1 (B) 2 (C) 3 (D) 4 (E) 5

2. Anika writes the following correct calculation. Then she covers two digits which are the same with a sticker :

$$4 \star + 5 \star = 104$$

Which digit is under the sticker ?

(A) 2 (B) 4 (C) 5 (D) 7 (E) 8

3. Matthew is catching fish. If he had caught three times as many as he actually did, he would have 12 more. How many fish did he actually catch?

(A) 7 (B) 6 (C) 5 (D) 4 (E) 3

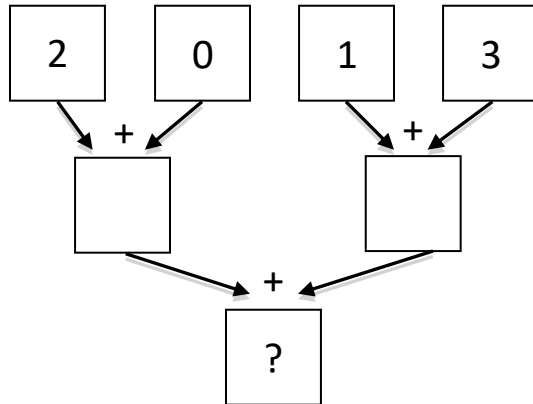
4. Tim, Andrew and Max competed in a hotdog eating contest. Tim ate 6 hotdogs in the same time as Andrew ate 4 hotdogs and Max ate 5 hotdogs. Tim ate 18 hotdogs in a half an hour. How many hotdogs in total did they eat in half an hour together?

(A) 27 (B) 30 (C) 33 (D) 45 (E) 51

5. Alexandra's mother prepares sandwiches with two slices of bread each. A package of bread has 24 slices. How many sandwiches can she prepare with two and a half packages of bread?

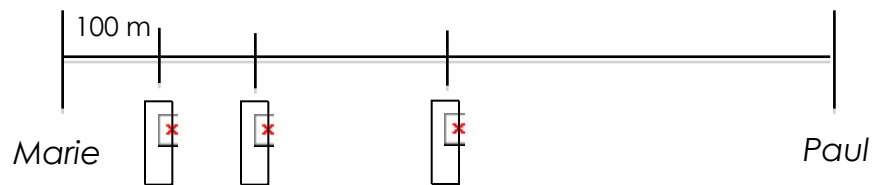
(A) 24 (B) 30 (C) 48 (D) 34 (E) 26

6. We put the numbers 2, 0, 1, 3 into an adding machine, as shown below :



What is the result in the box with the question mark?

- (A) 2 (B) 3 (C) 4 (D) 5 (E) 6
7. The diagram is a scale representation of the distance between Marie's house and her friend Paul. One half, one quarter and one eighth of the distance are marked on the diagram. What is the real distance between the two houses?

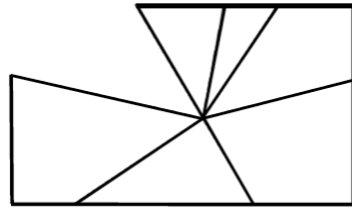


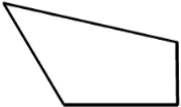
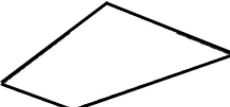

- (A) 300m (B) 400m (C) 800m (D) 1 Km (E) 700m
8. The total of the ages of Heather, Kate and Bob is 31 years. What will the total of the ages be in 4 years?
- (A) 35 (B) 37 (C) 39 (D) 41 (E) 43
9. The Lavigne's have three daughters. Every daughter has exactly two brothers. How many people are in the family?
- (A) 5 (B) 7 (C) 8 (D) 9 (E) 11
10. Michael gets a sticker every 15 minutes. He had his first sticker at 11:05. At what time will he get his fourth sticker?

- (A) 11:40 (B) 11:50 (C) 11:55 (D) 12:00 (E) 12:05



11. The rectangular mirror was broken.

Which of the following pieces is the missing part of the broken mirror?



- (A)  (B)  (C) 

(C)

- (D)  (E) 

12. Henry wants to paint « MATH MATTERS » on a wall. He wants different letters to be coloured differently, and the same letters to be coloured identically. How many colours will he need?


- (A) 3 (B) 5 (C) 7 (D) 9 (E) 11

13. Nicholas and Debbie were given some apples and some pears by their grandmother. They had 25 pieces of fruit in their basket. On the way home, Debbie ate 1 apple and 3 pears, and Nicholas ate 3 apples and 2 pears. At home they found out that the same number of pears and apples remained in their basket. How many pears did their grandmother give them?

- (A) 3 (B) 7 (C) 10 (D) 12 (E) 13

14. What is the number of faces of a triangular pyramid?


- (A) 2 (B) 3 (C) 4 (D) 8 (E) 5

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- (A) 2 (B) 3 (C) 4 (D) 5 (E) 6

16. Marie has bought 2¢ and 3¢ candies for a total of 40¢. What could be the number of 3¢ candies she bought?

- (A) 15 (B) 7 (C) 13 (D) 12 (E) 16

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- (A) 11 (B) 10 (C) 20 (D) 30 (E) 33

18.  is

- (A) 4 (B) 1 (C) 2 (D) 5 (E) 3

19. When a natural number is divided by 6, the remainder is odd, this number could be?

- (A) 12 (B) 38 (C) 25 (D) 16 (E) 22

20. What is the next number in the following sequence : 6, 13, 8, 15, 10, ...


- (A) 17 (B) 12 (C) 14 (D) 13 (E) 11

21. The ones digit of the following product  is

- (A) 2 (B) 0 (C) 4 (D) 3 (E) 8

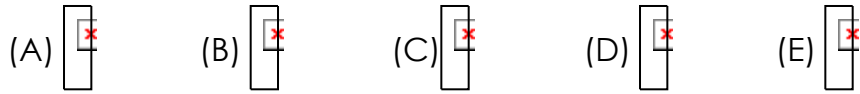
22. How many even numbers between 80 and 180?

- (A) 100 (B) 49 (C) 50 (D) 51 (E) 48

23.  of 80 is

- (A) 800 (B) 8 (C) 4 (D) 5 (E) 20

23. Which of the following fraction is the smallest?



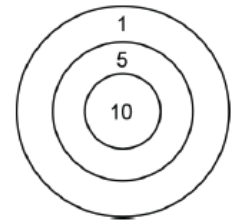
24. Which of the following is not a prime number?

- (A) 7 (B) 5 (C) 9 (D) 13 (E) 11

25. The largest 4-digit number that can be written only using the digits 1,6,8,3 is

- (A) 1863 (B) 6813 (C) 8361 (D) 8631 (E) 8613

26. A target is composed of 3 distinct areas. When hit, the areas are worth 1,5, or 10 points. Mathusalem hit the target 8 times and scored 38 points. How many times did he hit the 5-point area?

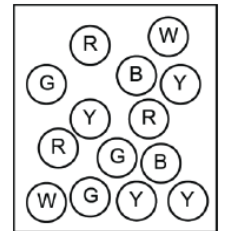


- (A) 1 (B) 2 (C) 3 (D) 4 (E) 5

27. 400 nickels = ? dimes

- (A) 800 (B) 400 (C) 200 (D) 100 (E) 50

28. Without looking Joe picks one marble from the box, What colour (Red, Green, Black, Yellow or White) is Joe more likely to choose?



- (A) Red (B) Green (C) Black (D) Yellow (E) White

29. How many nickels are equal to 3 quarters?

- (A) 10 (B) 15 (C) 5 (D) 20 (E) 25

30. How many minutes are in 3 hours?

- (A) 30 (B) 60 (C) 3 (D) 180 (E) 120

31. 10 tens plus 30 hundreds plus 45 ones is equal to :

- (A) 445 (B) 355 (C) 3145 (D) 4540 (E) 175

32. Which of these number is the largest ?

- (A) 12.03 (B) 12.3 (C) 12.13 (D) 12.26 (E) 12.6

33. The perimeter of a square is 80 cm. What is the length of one side?

- (A) 8cm (B) 10cm (C) 12cm (D) 20cm (E) 40cm

34. Each students in a class reads 100 books in a school year. How many books would 10 kids read?

- (A) 100 (B) 10 (C) 200 (D) 1000 (E) 2000

35. One cat and a half eat one mouse and a half in one hour and a half. How many mice can 15 cats eat in 15 hours?

- (A) 15 (B) 45 (C) 60 (D) 125 (E) 150

