

MATHEMATICS

1. Choose a missing term from the following relationship:
A, D, H,?
 - A. K
 - B. L
 - C. M
 - D. N

2. The ratio of milk to water is 4:1, if there is 8 liters of milk, then find the volume of water in it?
 - A. 1 liters
 - B. 8 liters
 - C. 2 liters
 - D. 32 liters

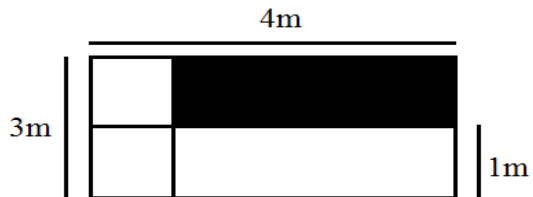
3. Find the missing proportion;
___:13::55:65
 - A. 9
 - B. 10
 - C. 11
 - D. 15

4. In a house of 15 persons food was sufficient for 30 days. 5 persons left the house. For how many days the food would be sufficient?
 - A. 30 days
 - B. 40 days
 - C. 45 days
 - D. 50 days

5. A street Hawker is selling bananas at the rate of Rs. 60 per dozen. A man wants to buy 20 bananas. How much will he have to pay?
 - A. Rs 60
 - B. Rs 80
 - C. Rs 100
 - D. Rs 120

6. What will be the perimeter of a rectangle whose width is 4cm and length is 2cm?
 - A. 6cm
 - B. 12cm
 - C. 10cm
 - D. 16cm

7. Find the area of the color portion?

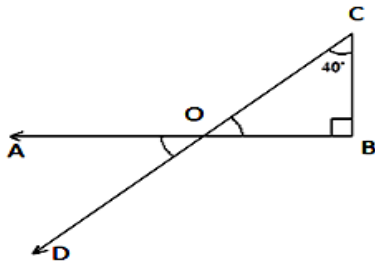


- A. $6m^2$
- B. $10m^2$
- C. $12m^2$
- D. $36m^2$

8. Area of trapezium is $153m^2$ and altitude is 9m and one of the bases is 13m long. The measure of other base is:

- A. $21m^2$
- B. 21m
- C. $169m^2$
- D. 169m

9. In the given figure $m\angle C = 40^\circ$ what will be $m\angle AOC$?



- A. 140°
- B. 130°
- C. 50°
- D. 40°

10. When Mike gathered information for this activity in his class, he discovered that there are some children who do some things with the right hand and others with the left; for example, Ian writes with his left hand but plays tennis with his right.

Types	Number of Students
Right-handed	30
Left-handed	7
Mixed	3

What is the percentage of Mike's classmates are left handed?

- A. 75%
- B. 25%
- C. 17.5 %
- D. 7.5%