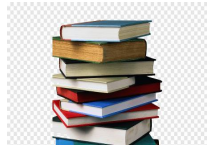# MATH.

SAMPLE QUESTIONS   CLASS-8

_____

1. A vehicle covers a distance of 43.2km in 2.4 litre of Petrol. How much distance it covers in six litre petrol?
   A. 88km   B. 68km   C. 120km   D. 108km

2. If Ax(BxC)= (AxB)xC is called _____?
   A. Associative Law of Addition.
   B. Associative law of Multiplication.
   C. Cumulative Law of Addition
   D. Comulative Law of Multiplication.

3. The cost an article is Rs23 and another article cost is 560 Paisa. What is the total cost of the two article ?
   A. Rs23.60   B. Rs23.56   C. Rs28.60   D. Rs28.56

4. When the sum of the measures of two angles is 90°, the angles are called_____
   A. Supplementary Angles   C. Complementary Angles
   B. Adjacent Angles   D. Vertically Opposite Angles

5. What is the value of "x" in the below equation ?

   "4x+5=9"

   A. 1   B. 2   C. 3   D. 4

6. The area of a Rhumbus is 60cm square and diagonals is 10cm. What is the value of other diagonals ?
   A. 6cm   B. 12cm   C. 3cm   D. 24cm

7. If 15 books have weight of 6kg what will be the weight of 6 books
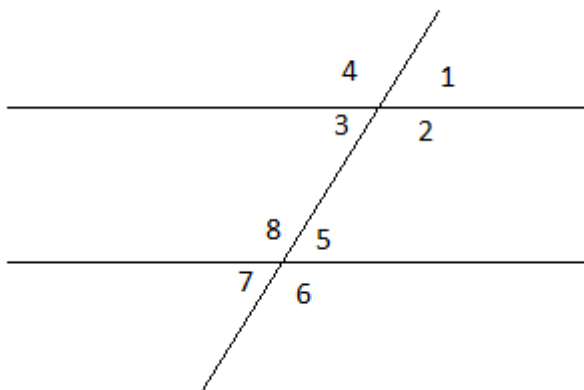

    A. 1.2kg   B. 2.4kg   C. 3.8kg   D. 3kg

8. The area of a trapezium is 40cm square. Its parallel sides are 12cm and 8cm. What is the distance between the parallel side ?
    A. 1cm   B. 2cm   3. 3cm   D. 4cm

9. If the height of a cuboid becomes zero at that time what shape it will take?
    A. Cube   B. Parallelogram   C. Circle   D. Rectangle

10. In the following figure which pair of angles are not corresponding angles.

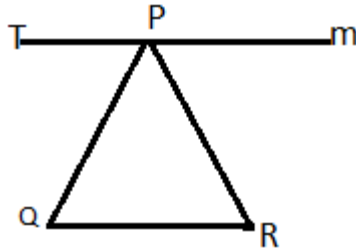A.   B.   C.   D.

11. What will be the circumference of a circle of radius "r" ?

    A. πr B. $2\pi r$ C. πr^2 D. $1/2\ \pi r^2$

12. 5 cm is equal to _____

    A. 0.005km   B. 0.00005km

    C. 0.00005km   D. 0.000005km

13. In the adjacent figure mIIQR. Then what is the measure of $\angle QPR$ when $\angle QPT$ is 50° and $\angle PRQ$ is 45°.

A. 80°   B. 85°   C. 75°   D. 70°

14. 8 persons can stay in a cubical room. Each person require $27m^3$ of air.

What is the side of the cube ?

A. 6m   B. 4m   C. 3m   D. 2m

15. If the value of the expression " x^2-5x+k" for x=0 is 5 , then what is the value of k ?

A. 2   B. 3   C. 4   D. 5

ANSWERS

1.D 2.B 3.C B 5.A 6.C 7.B 8.D 9.D 10.D 11.B 12.B 13.B 14.D 15.D