

CLASS 6TH MATHS MIXED PAPER
JSUNIL TUTORIAL, PANJABI COLONY GALI 01

A. Fill in the blanks

1. Diameter of circle is a chord that -----the center.
2. A radius is the line segment with one end point ----- and the other end point -----
3. If we join any two points on the circle by a line segment, we obtain a of the circle.
4. Any part of a circle is called a Of the circle
5. The figure bounded by an arc and the two radii joining the end point of arc with the center is called a Of the circle
6. An object that occupy space is called a
7. A cuboid has --- faces --- edges and --- vertices
8. The..... faces of cuboid are identical
9. A..... has no vertex and edges
10. All the faces of are identical.

B. Solve these questions

1. In triangle if : (i) $\angle A = 35^\circ$, $\angle B = 75^\circ$ Find $\angle C$ (ii) $\angle A = \angle B = 75^\circ$ Find $\angle C$
(iii) $\angle A = 90^\circ$, $\angle B = \angle C$ Find $\angle B$ and $\angle C$
2. A foot path runs inside the rectangular 38 m and 32 m. If the width of path is runs inside .The width of path is 5m. Find the area of path?
3. If 36 , x , x , 16 are in proportional Find value of x
4. Find the ratio of the price of pencil to that of ball pen if pencil cost Rs 96 per score and ball pen cost Rs. 50.40 per dozen.
5. The ratio of the height of Mohit and Rohit is 4: 3. If Rohit is 1.5 m tall. Find the height of Mohit?
6. Neha got 850 marks out of 1000 marks and Suzie got 375 in 500. Express their marks in ratio?
7. Find the ratio the price of coffee to that of tea, when coffee cost rupees 24 per100 gm and tea Rs 80 per kg?
8. A bus travel 36 km in $\frac{2}{3}$ hr. If it maintains a uniform speed, how long will it takes to cover162 km? How for does it travel in 8 hrs. ?
9. How many envelops can be made out of a sheet of paper 324 cm by 172 cm if each envelops require a piece of paper of size 18 cm by 12 cm ?
10. In a quadrilateral $\angle A = 110^\circ$, $\angle B = 70^\circ$, $\angle C = 85^\circ$. Find the value of $\angle D$.
11. In a quadrilateral $\angle B = \angle C = \angle D = 85^\circ$. Find $\angle A$
12. If four angles of quadrilateral are 1:2:3:4 Find the measure of each side ?
13. The ratio of the two side of Parallelogram is 3:4. Find all four angle of Parallelogram?
14. If two adjacent angle of Parallelogram are in ratio 3:2. Find the all four angles of parallelogram
15. The total cost of flooring a room at Rs. 8.50 per sq. meter is Rs. 510. If the length of the room is 8m. Find its breadth