

J SUNIL TUTORIAL

PUNJABI COLONY GALI 01

PICTOGRAPHS AND QUADRILATERALS AND CIRCLE

1. The number of students who absented from the class during a week are given bellow :

Day	Monday	Tuesday	Wednesday	Thursday	Friday
No of absentees	6	2	4	2	8

Take the scale one man \equiv 2 absentees

2. The number of fan sold by a shop keeper during six month are given below:

Month	January	February	March	April	May
The number of fan sold	30	40	60	20	

Take the scale one fan \equiv 5 Fans

3. Fill in the blanks

1. A quadrilateral having one and only one pair of parallel sides is called -----
2. A quadrilateral whose opposite sides are parallel is called -----
3. An isosceles trapezium has ---- non-parallel sides
4. The diagonals of ----- bisect each other at right angle.
5. A square has all sides and diagonal -----.

4. Name the following parallelogram

1. The diagonals are equal and the adjacent sides are unequal.
2. The diagonals are equal and the adjacent sides are equal.
3. The diagonals are unequal and the adjacent sides are equal.

5. What is trapezium? When do we call a trapezium an isosceles trapezium? Draw an isosceles trapezium.

Measure its side and angle?

6. The ratio of two sides of a parallelogram is 3:4. If its perimeter is 56 cm , find the lengths of the sides of parallelogram.

7. Draw a parallelogram ABCD in which $AB=6.5\text{cm}$, $AD=4.8\text{cm}$ and $\angle BAD = 70^\circ$ Measure its diagonals.
8. Draw a rhombus ABCD with $AB=6\text{cm}$ and $AC=5\text{cm}$.
9. Take a point O on the paper and draw circles of radius 4cm and 6.2cm. Each having same centre.
10. Draw a circle with centre O and radius 4cm. Draw chord AB of the circle indicated marking point X and Y, minor arc AXB and the major arc AYB of the circle
11. Draw a circle with centre O and radius 3.7cm Draw a sector having the angle 72°
12. Fill in blanks
 1. Diameter of circle is a chord that -----the centre.
 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 centre is called a Of the circle
13. Fill in the blanks
 1. An object that occupy space is called a
 2. A cuboid has --- faces --- edges and --- vertices
 3. The..... faces of cuboid are identical
 4. A..... has no vertex and edges
 5. All the faces of are identical.
 6. A square pyramid haslateral triangular faces andedges.
 7. A triangular prism has ... vertices --- rectangular lateral facesTriangular bases and ... edges.