**Aarambh classes**

**Class VIII(CBSE)**

**Maths test**



**Understanding Quadrilaterals**

**Time : 1 hour M.Marks : 25**

1. Find the measure of exterior and interior angles of a regular pentagon.
2. How many sides does a regular polygon have if each of its interior angles measure 1080 ?
3. Lengths of two sides of a parallelogram are in the ratio 3:4.Find the sides of a parallelogram if its perimeter is 28 cm.
4. The diagonals of a quadrilateral are 6cm and 8 cm.They bisect each other at right angles .Find the side of the quadrilateral .
5. A quadrilateral has two adjacent angles of measure 1100 and 500 each and its other two angles are equal.Find the measure of each of the equal angles .
6. One angle of a quadrilateral is 1080 and other three angles are equal .Find the value of each equal angle.
7. Fill in the blanks :
8. A \_\_\_\_\_\_\_\_\_\_of a quadrilateral is the line segment that joins its two opposite vertices .
9. The sum of angles of a quadrilateral is \_\_\_\_\_\_\_\_\_\_\_\_\_right angles.
10. A quadrilateral has \_\_\_\_\_\_\_\_sides,\_\_\_\_\_\_\_\_angles ,\_\_\_\_\_\_\_\_\_\_diagonals and \_\_\_\_\_\_\_\_vertices.
11. The measure of each angle of a convex quadrilateral is \_\_\_\_\_\_\_\_1800.
12. The diagonals of a square \_\_\_\_\_\_\_\_\_\_\_\_bisect each other at right angles.
13. A quadrilateral having one pair of opposite sides parallel is \_\_\_\_\_\_\_\_\_\_\_\_\_.