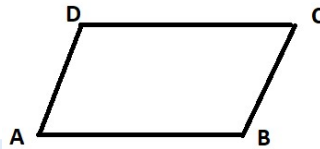
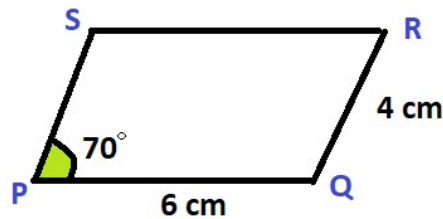


SATISH CHANDRA MEMORIAL SCHOOL
 Class: VIII Ch: 3 (Understanding Quadrilaterals)
 Worksheet-1

1. How many diagonals does a convex quadrilateral have?
2. State the name of a regular polygon of 5 sides.
3. A simple closed curve made up of only line segments is called a _____.
4. A _____ is a quadrilateral whose opposite sides are parallel
5. A _____ has all the properties of a parallelogram and also that of a kite.
6. The diagonals of a rectangle are _____
7. State whether True or False.
 - a) All rectangles are squares.
 - b) All kites are rhombuses
8. A hexagon has _____ diagonals.
9. The sum of four angles of a quadrilateral is _____.



10. ABCD is a parallelogram
 - a) Name the pair of parallel sides
 - b) If $\angle B = 60^\circ$, find $\angle D$
 - c) AB is parallel to _____
11. In a quadrilateral angles are in the ratio 1:2:3:4, find all the angles.



12. In the figure above PQRS is a parallelogram, Find:
 - a) $\angle Q =$ _____
 - b) $\angle R =$ _____
 - c) $\angle S =$ _____
 - d) RS = _____
 - e) SP = _____