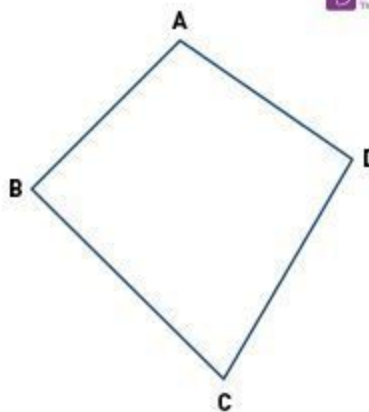


# Quadrilateral Worksheet for Class 8

1. The four angles of a quadrilateral are in the ratio 2:3:5:8. Find the angles.
2. A quadrilateral has \_\_\_\_\_ angles.
3. A quadrilateral has 3 acute angles, each measuring 75 degrees. Find the measure of 4th angle.
4. Prove that the sum of four angles of a quadrilateral are 360 degrees.
5. The quadrilateral has \_\_\_\_\_ diagonals. The sum of all the angles of a hexagon is 720 degrees.
6. How many sides of a regular polygon, each angle of which is of measure 108 degrees?
7. Find the number of sides of the polygon, when each of its angles has a measure of 160 degrees.
8. The sides of a quadrilateral are produced in order. What is the sum of the four exterior angles?
9. PQRSTU is a regular hexagon. Determine each angle of triangle PQT?



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10. ABCD is a quadrilateral, Name a pair of Adjacent sides.
  - A. Name a pair of opposite angles.
  - B. Name a pair of opposite side
  - C. How many pairs of adjacent angles are there.