

## Quadrilaterals

### Exercise 13.1

#### Question: 1

A quadrilateral having one and only pair of parallel side is called

**Sol.**

A Trapezium

#### Question: 2

**A quadrilateral whose opposite sides are parallel is called**

**Sol.**

None of these

(A quadrilateral whose opposite sides are parallel is called parallelogram)

#### Question: 3

A quadrilateral having all sides equal is a

**Sol.**

Rhombus

(A quadrilateral having four equal sides is called a Rhombus, and if each angle is a right angle then it is called a square)

#### Question: 4

A quadrilateral whose each angle is a right angle is a

**Sol.**

Rectangle

(Both a square and a rectangle's angles are right angles, but the other necessary condition for a quadrilateral to be a square is that its sides must be equal.)

#### Question: 5

**A quadrilateral whose each angle is a right angle and whose all sides are equal is a**

**Sol.**

Square

**Question: 6**

A quadrilateral having two pairs of equal adjacent sides but unequal opposite sides is called a

**Sol.**

Kite

**Question: 7**

**The diagonals of a quadrilateral bisect each other. This quadrilateral is a**

**Sol.**

Rectangle

(The diagonals of a parallelogram bisect each other and Rectangle is a parallelogram)

**Question: 8**

If the diagonals of a quadrilateral bisect each other at a right angle, then the quadrilateral is a

**Sol.**

Rhombus

**Question: 9**

An isosceles trapezium has

**Sol.**

Non-parallel sides that are equal