

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