

Access RD Sharma Solutions for Class 6 Chapter 13: Quadrilaterals

Objective Type Questions page: 13.6

Mark the correct alternative in each of the following:

1. A quadrilateral having one and only pair of parallel sides is called

- (a) a parallelogram (b) a kite
(c) a rhombus (d) a trapezium

Solution:

The option (d) is the correct answer.

A quadrilateral having one and only pair of parallel sides is called a trapezium.

2. A quadrilateral whose opposite sides are parallel is called

- (a) a rhombus (b) a kite (c) a trapezium (d) none of these

Solution:

The option (d) is the correct answer.

A quadrilateral whose opposite sides are parallel is called parallelogram.

3. A quadrilateral having all sides equal is a

- (a) square (b) parallelogram (c) rhombus (d) kite

Solution:

The option (c) is the correct answer.

A quadrilateral having all sides equal is a rhombus.

4. A quadrilateral whose each angle is a right angle is a

- (a) square (b) rectangle (c) rhombus (d) parallelogram

Solution:

The option (b) is the correct answer.

A quadrilateral whose each angle is a right angle is a rectangle.

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

- (a) square (b) rectangle (c) rhombus (d) parallelogram

Solution:

The option (a) is the correct answer.

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

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

- (a) trapezium (b) parallelogram (c) kite (d) rectangle

Solution:

The option (c) is the correct answer.

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

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

- (a) rectangle (b) kite (c) trapezium (d) none of these

Solution:

The option (a) is the correct answer.

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

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

- (a) parallelogram (b) rectangle (c) rhombus (d) kite

Solution:

The option (c) is the correct answer.

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

9. An isosceles trapezium has

(a) all sides equal (b) parallel sides equal

(c) non-parallel sides equal (d) any two equal sides

Solution:

The option (c) is the correct answer.

An isosceles trapezium has non-parallel sides equal.