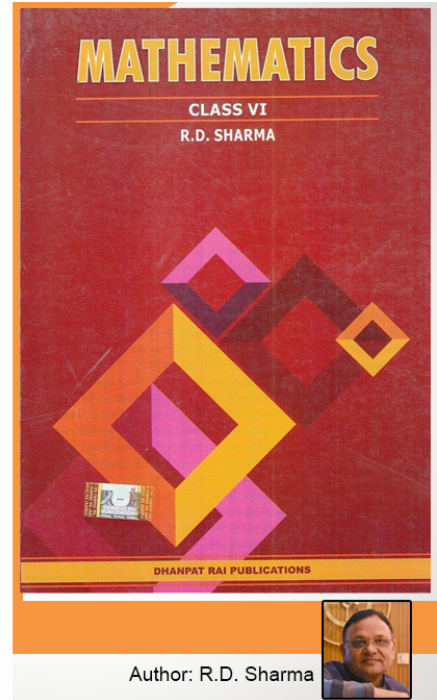


Class 6 - Chapter 13 Quadrilaterals



RD Sharma Solutions for Class 6 Maths Chapter 13–Quadrilaterals

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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.

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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.

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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.



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Chapterwise RD Sharma Solutions for Class 6 Maths :

- Chapter 1–Knowing Our Numbers
- Chapter 2–Playing with Numbers
- Chapter 3–Whole Numbers
- Chapter 4–Operations on Whole Numbers
- Chapter 5–Negative Numbers and Integers
- Chapter 6–Fractions
- Chapter 7–Decimals
- Chapter 8–Introduction to Algebra
- Chapter 9–Ratio, Proportion and Unitary Method
- Chapter 10–Basic Geometrical Concepts
- Chapter 11–Angles
- Chapter 12–Triangles
- Chapter 13–Quadrilaterals
- Chapter 14–Circles
- Chapter 15–Pair of Lines and Transversal
- Chapter 16–Understanding Three-Dimensional Shapes
- Chapter 17–Symmetry
- Chapter 18–Basic Geometrical Tools
- Chapter 19–Geometrical Constructions
- Chapter 20–Mensuration
- Chapter 21–Data Handling - I (Presentation of Data)
- Chapter 22–Data Handling - II (Pictographs)
- Chapter 23–Data Handling - III (Bar Graphs)

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About RD Sharma

RD Sharma isn't the kind of author you'd bump into at lit fests. But his bestselling books have helped many CBSE students lose their dread of maths. Sunday Times profiles the tutor turned internet star

He dreams of algorithms that would give most people nightmares. And, spends every waking hour thinking of ways to explain concepts like 'series solution of linear differential equations'. Meet Dr Ravi Dutt Sharma — mathematics teacher and author of 25 reference books — whose name evokes as much awe as the subject he teaches. And though students have used his thick tomes for the last 31 years to ace the dreaded maths exam, it's only recently that a spoof video turned the tutor into a YouTube star.

R D Sharma had a good laugh but said he shared little with his on-screen persona except for the love for maths. "I like to spend all my time thinking and writing about maths problems. I find it relaxing," he says. When he is not writing books explaining mathematical concepts for classes 6 to 12 and engineering students, Sharma is busy dispensing his duty as vice-principal and head of department of science and humanities at Delhi government's Guru Nanak Dev Institute of Technology.

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