RD Sharma Solutions for Class 6 Maths Chapter 13 - Quadrilaterals

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OBJECTIVE TYPE QUESTIONS

Mark the correct alternative in each of the following:

mark the correct internative in each of the following.				
1. A quadrilateral hav (a) a parallelogram (c) a rhombus Solution:	ing one and only	pair of paralle	l sides is called (b) a kite (d) a trapeziur	
The option (d) is the correct answer. A quadrilateral having one and only pair of parallel sides is called a trapezium.				
2. A quadrilateral who (a) a rhombus Solution:	ose opposite sides (b) a kite	-	called apezium	(d) none of these
The option (d) is the correct answer. A quadrilateral whose opposite sides are parallel is called parallelogram.				
3. A quadrilateral hav (a) square Solution:	ing all sides equal (b) parallelogran		(c) rhombus	(d) kite
The option (c) is the correct answer. A quadrilateral having all sides equal is a rhombus.				
4. A quadrilateral who (a) square Solution:	ose each angle is a (b) rectangle	right angle is (c) rhoi		(d) parallelogram
The option (b) is the correct answer. A quadrilateral whose each angle is a right angle is a rectangle.				
5. A quadrilateral who (a) square Solution:	ose each angle is a (b) rectangle	right angle ar (c) rhor		les are equal is a (d) parallelogram
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 hav (a) trapezium Solution:	ing two pairs of e (b) parallelogran	_	sides but uneq (c) kite	ual opposite sides is called a (d) rectangle
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 quantum (a) rectangle Solution:	=	ct each other. ' c) trapezium	=	eral is a ne of these



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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(c) non-parallel sides equal

(b) parallel sides equal(d) any two equal sides

Solution:

The option (c) is the correct answer.

An isosceles trapezium has non-parallel sides equal.