

# Skills Practice

## Tests for Parallelograms

Determine whether each quadrilateral is a parallelogram. Justify your answer.



Yes, a pair of opposite sides is parallel and congruent.



Yes, both pairs of opposite angles are congruent.



The slope of the sides for two opposite sides is vertical.



The both pairs of opposite sides are congruent.

**COOPERATE DISCUSS** Determine whether a figure with the given vertices is a parallelogram. Use the method indicated.

1.  $A(1, 2), B(3, 4), C(5, 4), D(3, 2)$  Slope Formula

yes

2.  $A(1, 2), B(3, 4), C(5, 6), D(3, 8)$  Slope and Angle Formula

yes

3.  $A(1, 2), B(3, 4), C(5, 2), D(3, 0)$  Slope Formula

no

**ALGEBRA** Find  $x$  and  $y$  so that each quadrilateral is a parallelogram.



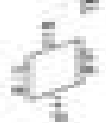
$x = 10, y = 10$



$x = 10, y = 10$



$x = 10, y = 10$



$x = 10, y = 10$

1. Parallelogram

2. No

3. Parallelogram

# Practice (page)

## Tests for Parallelograms

Determine whether each quadrilateral is a parallelogram. Justify your answer.



Yes, the diagonals bisect each other.



The slope of the sides for parallelogram is vertical.



The both pairs of opposite angles are congruent.



The slope of the sides for parallelogram is vertical.

**COOPERATE DISCUSS** Determine whether a figure with the given vertices is a parallelogram. Use the method indicated.

1.  $A(1, 2), B(3, 4), C(5, 4), D(3, 2)$  Slope Formula

no

2.  $A(1, 2), B(3, 4), C(5, 6), D(3, 8)$  Slope and Angle Formula

yes

**ALGEBRA** Find  $x$  and  $y$  so that each quadrilateral is a parallelogram.



$x = 10, y = 10$



$x = 10, y = 10$



$x = 10, y = 10$



$x = 10, y = 10$

1. Parallelogram

2. No

3. Parallelogram



## Answers

# Geometry Concepts And Applications Answers

**SA Dillow**



## **Geometry Concepts And Applications Answers:**

## **Geometry Concepts And Applications Answers** Book Review: Unveiling the Power of Words

In a global driven by information and connectivity, the energy of words has be evident than ever. They have the capacity to inspire, provoke, and ignite change. Such could be the essence of the book **Geometry Concepts And Applications Answers**, a literary masterpiece that delves deep in to the significance of words and their impact on our lives. Written by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we will explore the book is key themes, examine its writing style, and analyze its overall affect readers.

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web here is the form otherwise let us wish you all the best for the coming youth occasion in the church and we want to pray to our heavenly father to grant you the grace to help you to the end we are praying for and the blessings of the lord be abundantly showered upon your life through jesus christ

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