

# MY Homework

## Lesson 9

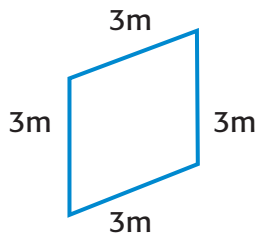
### Quadrilaterals

## Homework Helper

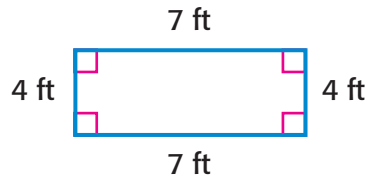


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Classify each quadrilateral in as many ways as possible.



**Quadrilateral 1**



**Quadrilateral 2**

Quadrilateral 1 is a parallelogram because its opposite sides are equal in length and parallel.

It is also a rhombus because it has 4 sides equal in length.

Quadrilateral 2 is a parallelogram because its opposite sides are equal in length and parallel.

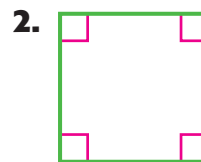
It is also a rectangle because it has 4 right angles.

## Practice

Classify each quadrilateral in as many ways as possible.



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**Draw and classify a quadrilateral that fits each description.**

3. 4 right angles, opposite sides equal in length and parallel

4. opposite sides equal in length and parallel

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## Problem Solving

**5. Mathematical PRACTICE 6 Be Precise** Simon draws a rectangle with two sides that are 2 inches long and two sides that are 3 inches long. Chaz draws a figure with the same measurements, but it is not a rectangle. What figure could it be?

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## Vocabulary Check



6. Explain the difference between a parallelogram and a rhombus.

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7. Explain the difference between a square and a rectangle.

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8. How is a trapezoid different from the other four types of quadrilaterals you have learned about?

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## Test Practice

9. Which quadrilateral does *not* have opposite sides equal in length?

- (A) rhombus      (B) trapezoid      (C) parallelogram      (D) square