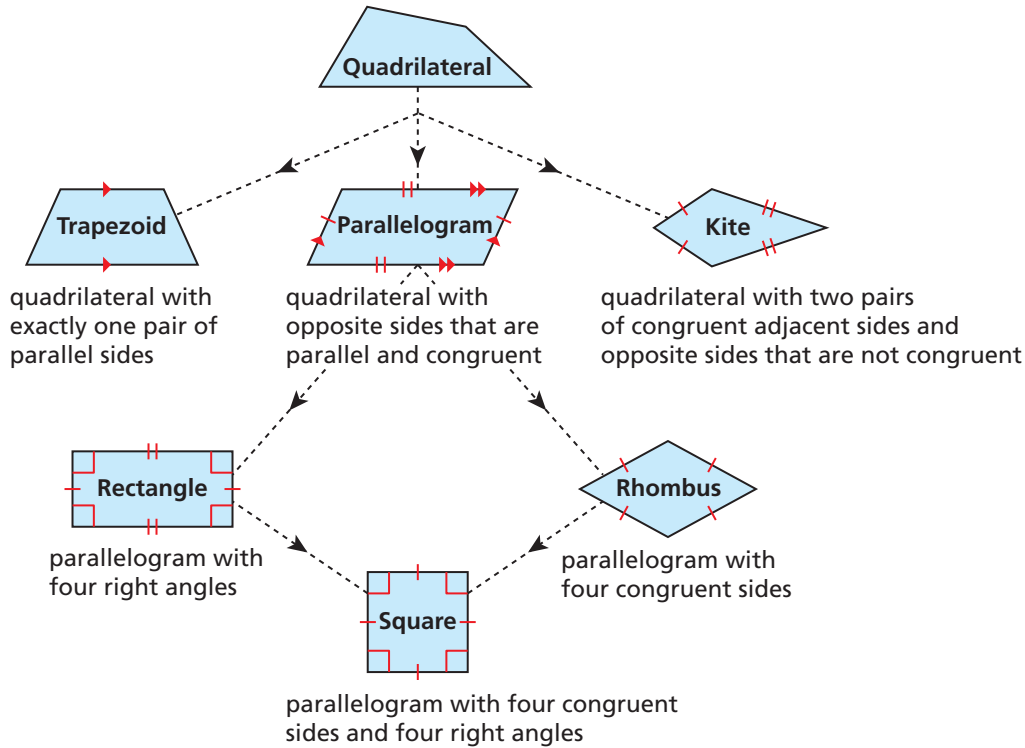


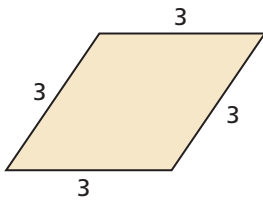
Classifying Quadrilaterals

A **quadrilateral** is a polygon with four sides. The diagram shows properties of different types of quadrilaterals and how they are related. When identifying a quadrilateral, use the name that is most specific.



Example 1 Classify the quadrilateral.

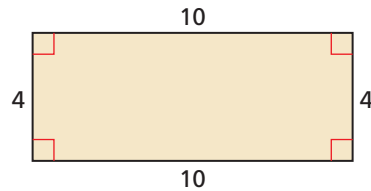
a.



The quadrilateral has four congruent sides.

▶ So, it is a rhombus.

b.



The quadrilateral has four right angles.

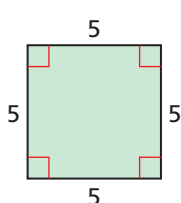
▶ So, it is a rectangle.

Practice

Check your answers at BigIdeasMath.com.

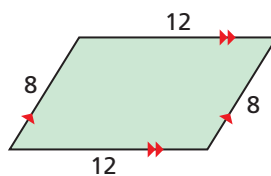
Classify the quadrilateral.

1.



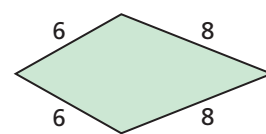
square

2.



parallelogram

3.



kite