Classify Quadrilaterals
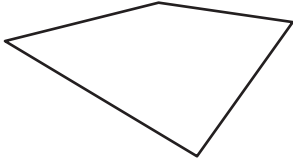
Classify the quadrilateral in as many ways as possible.
Write *quadrilateral, trapezoid, parallelogram, rectangle, rhombus,* or *square*.

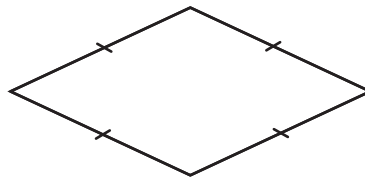**1.**

It has 4 sides, so it is a _____ .
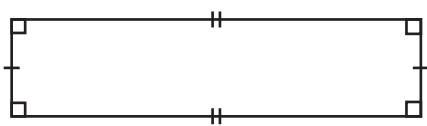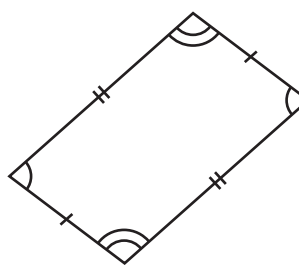None of the sides are parallel, so there is

_____ .

2.

_____

3.

_____

4.

_____

5.

_____

6.

_____

Problem Solving Real World
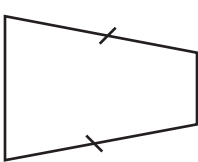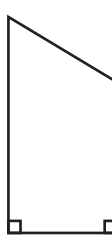
7. Kevin claims he can draw a trapezoid with three right angles. Is this possible? Explain.

_____

_____

_____

8. "If a figure is a square, then it is a regular quadrilateral." Is this true or false? Explain.

_____

_____

_____

9. **WRITE** ▸*Math* All rectangles are parallelograms. Are all parallelograms rectangles? Explain.

_____

Lesson Check

10. Complete the following statement. Write *sometimes, always,* or *never*.

A trapezoid _____ has exactly one pair of parallel sides.

11. Complete the following statement. Write *sometimes, always,* or *never*.

A rhombus _____ has four angles with the same measure.

Spiral Review

12. How many kilograms are equal to 5,000 grams?

13. The sides of a triangle measure 6 inches, 8 inches, and 10 inches. The triangle has one 90° angle. What type of triangle is it?

14. A warehouse has 355 books to ship. Each shipping carton holds 14 books. How many cartons does the warehouse need to ship all of the books?

15. How many vertices does a rhombus have?