

Classifying Quadrilaterals

In 1–8, tell whether each statement is true or false. Remember, for a statement to be true it has to be true in EVERY circumstance.

1. A rectangle is a quadrilateral. _____
2. All parallelograms are trapezoids. _____
3. A quadrilateral is a square. _____
4. A quadrilateral is a trapezoid. _____
5. A rhombus is a rectangle. _____
6. A trapezoid is a parallelogram. _____
7. A square is a rectangle. _____
8. A rectangle is a quadrilateral. _____
9. Which shows the most likely side lengths for a parallelogram?
A 9, 4, 9, 4 **B** 9, 9, 9, 4 **C** 4, 4, 4, 9 **D** 4, 9, 9, 6
10. Draw 3 different quadrilaterals with 2 pairs of parallel sides. What are the names of the special quadrilaterals you have drawn?

11. A parallelogram has one side that is 9 millimeters and one side that is 13 millimeters. What is the perimeter of the parallelogram?

12. **Writing to Explain** What characteristics help you tell the difference between a parallelogram and a trapezoid? Explain.
