

Ready® Center Activity Answer Key

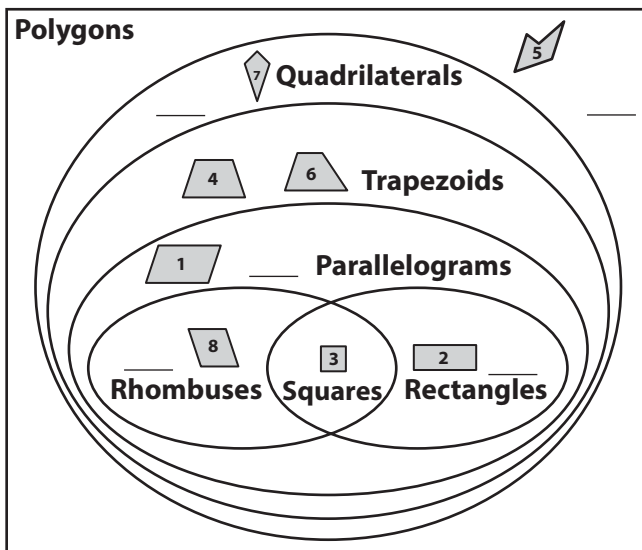
Activity 5.51

Organize Polygons on a Venn Diagram

★ Check Understanding

Yes. A trapezoid is a quadrilateral with *at least* one pair of opposite sides that are parallel. A parallelogram, a rectangle, a rhombus, and a square all have two pairs of opposite sides that are parallel. They are subcategories of trapezoids.

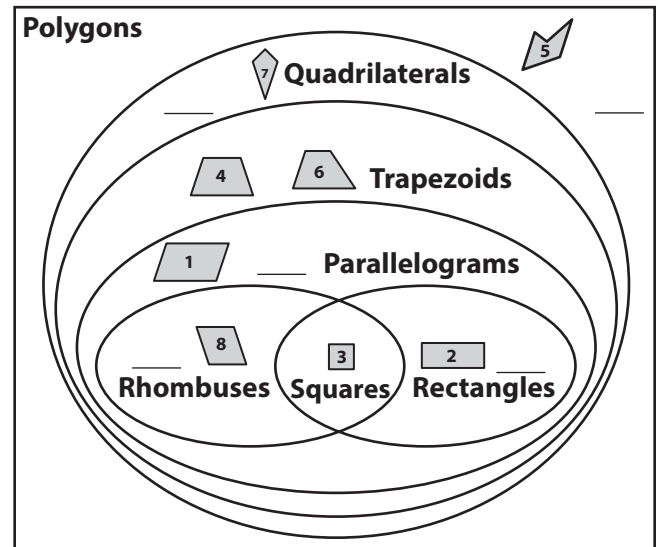
Recording Sheet



★★ Check Understanding

They are both correct. Possible answer: A square has all the properties of a rectangle: opposite sides are equal and parallel, and 4 right angles. It has all the properties of a rhombus: opposite sides are equal and parallel, and 4 congruent sides.

Recording Sheet



★★★ Check Understanding

Yes. Possible answer: One of the trapezoids appears to be an isosceles trapezoid. If this category were added to the Venn diagram, it would be nested inside Trapezoids. Then Parallelograms and the categories inside Parallelograms would be nested inside Isosceles Trapezoids.

Recording Sheet

