

## Geometry: Quadrilaterals & Polygons

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Score: \_\_\_\_\_

### UNIT TOPICS

- \* Properties of squares, rectangles, parallelograms, trapezoids
- \* Area and perimeter of quadrilaterals
- \* Sum of interior angles

### PRACTICE PROBLEMS - Show all work

1. Name a quadrilateral with exactly one pair of parallel sides: \_\_\_\_
2. Area of a rectangle: length = 8, width = 5. Area = \_\_\_\_
3. Perimeter of a square with side = 9: \_\_\_\_
4. A parallelogram has base 12 and height 7. Area = \_\_\_\_
5. Sum of interior angles in any quadrilateral = \_\_\_\_
6. A rhombus has all sides equal to 6. Perimeter = \_\_\_\_
7. A rectangle has area 48 and width 6. Length = \_\_\_\_
8. True or False: All squares are rectangles. \_\_\_\_
9. True or False: All rectangles are squares. \_\_\_\_
10. Name 2 differences between a rhombus and a rectangle.

**Answers (accept equivalent responses and correct reasoning):**

1. [Grade based on correct application of concept taught this week]
2. [Grade based on correct application of concept taught this week]
3. [Grade based on correct application of concept taught this week]
4. [Grade based on correct application of concept taught this week]
5. [Grade based on correct application of concept taught this week]
6. [Grade based on correct application of concept taught this week]
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