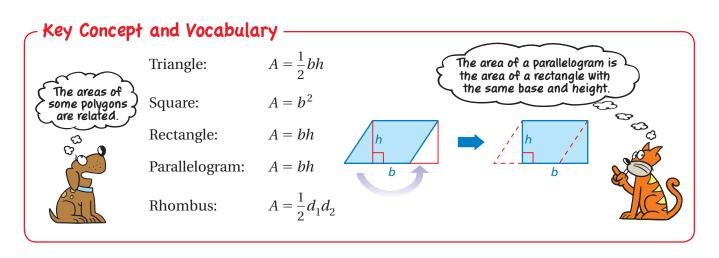
## **Related Areas**

Name \_\_\_



## **PRACTICE** MAKES *PURR*-FECT<sup>™</sup>

**1. TRIANGLE** How does the area of each triangle compare to the area of the parallelogram?

The area of each triangle is half the area of the parallelogram.

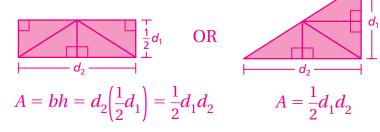
**2. SQUARE** How does the area of the square compare to the area of each triangle?

The area of the square is twice the area of each triangle.

**3. RECTANGLE** How can you justify the area formula for a rectangle using a right triangle with the same base and height?

$$A = \frac{1}{2}bh + \frac{1}{2}bh = bh$$

**4. RHOMBUS** How can you rearrange the four right triangles to justify the area formula for a rhombus?



Check your answers at BigIdeasMath.com.

