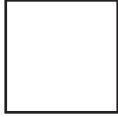
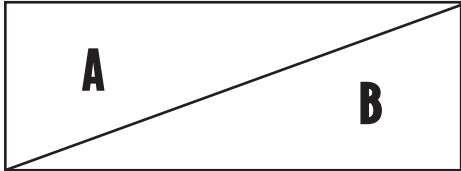
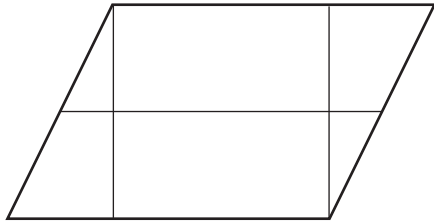


Name \_\_\_\_\_

# What's My Area? Final Assessment

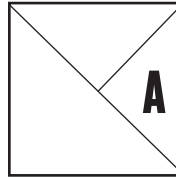
<p>1. This square  has an area of 4 square units. If you divided the square into two triangles, what would the area of each triangle be?</p> <p>A. 2 square units</p> <p>B. 8 square units</p>	<p>2. What would the area of a rectangle be if it is 5 units long and 3 units wide?</p> <p>A. <math>5 \times 3 = 15</math> square units</p> <p>B. <math>5 + 3 = 8</math> square units</p>
<p>3. What would the area of a triangle be if the base was 6 units and the height was 4 units?</p> <p>A. <math>2 \times b \times h = 48</math> square units</p> <p>B. <math>1/2 b \times h = 12</math> square units</p>	<p>4. If the rectangle has a length of 1 unit and a width of 6 units, what is the area of triangle A?</p>  <p>A. <math>1 \times 6 = 6</math> square units</p> <p>B. <math>1/2 \times 1 \times 6 = 3</math> square units</p>

5. What would the area of this parallelogram be?



- A. 4 square units
- B. 6 square units

6. If this square has an area of 4 square units, what is the area of Triangle A?



- A. 2 square units
- B. 1 square unit

7. What is the area of a triangle which has a base of 10 and a height of 2?

- A.  $\frac{1}{2}$  of  $10 \times 2 = 20$  square units
- B.  $\frac{1}{2}$  of  $10 \times 2 = 10$  square units

8. What is the area of a rectangle that is 8 units long and 10 units wide?

- A.  $8 \times 10 = 80$  square units
- B.  $\frac{1}{2}$  of  $8 \times 10 = 40$  square units

9. If the area of a rectangle is 8 square units and the length is 4 units, what would the width have to be?

- A. 2 units
- B. 4 units

10. Use your ruler and draw a rectangle with a length of 2 inches and a width of 3 inches. Divide it diagonally to form two triangles. What is the area of one of the triangles?

- A. Each triangle would be  $\frac{1}{2}$  the area of the rectangle so one triangle would have an area of 3 square inches.
- B. Each triangle would have the same area as the rectangle so one triangle would have an area of 6 square inches.