**Exploring Reptiles**

**Directions: You can use a ruler, a protractor, and any other method you can think of to complete this activity.**

**SHAPE A**

1. What is the perimeter of shape 1A?\_\_\_\_\_\_cm
2. What is the perimeter of shape 2A? \_\_\_\_\_\_cm
3. Describe the relationship between the perimeters of shape 1A and 2A?

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1. What is the area of shape 1A?\_\_\_\_\_\_cm2
2. What is the area of shape 2A? \_\_\_\_\_\_cm2
3. Describe the relationship between the area of shape 1A and 2A?

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1. Shape A has 6 sides. What kind of polygon is it?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Describe the angles in Shape A\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**SHAPE B**

1. What is the perimeter of shape 1B?\_\_\_\_\_\_cm
2. What is the perimeter of shape 2B? \_\_\_\_\_\_cm
3. Describe the relationship between the perimeters of shape 1B and 2B.

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1. What is the area of shape 1B?\_\_\_\_\_\_cm2
2. What is the area of shape 2B? \_\_\_\_\_\_cm2
3. Describe the relationship between the area of shape 1B and 2B? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Shape B has four sides. Two of the sides are parallel. Two of its sides are perpendicular. What kind of polygon is it?
5. Describe the angles in Shape B\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_