

Name \_\_\_\_\_

Date \_\_\_\_\_

1. a. Find the perimeter of 5 circular objects from home to the nearest quarter inch using string. Record the name and perimeter of each object in the chart below.

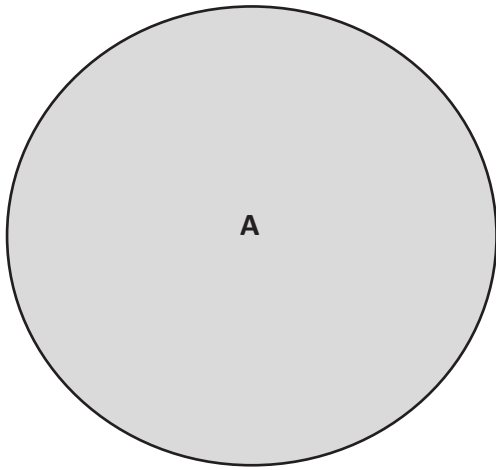
Object	Perimeter (to the nearest quarter inch)
Example: Peanut Butter Jar Cap	$9\frac{1}{2}$ inches

*ANSWERS WILL VARY*

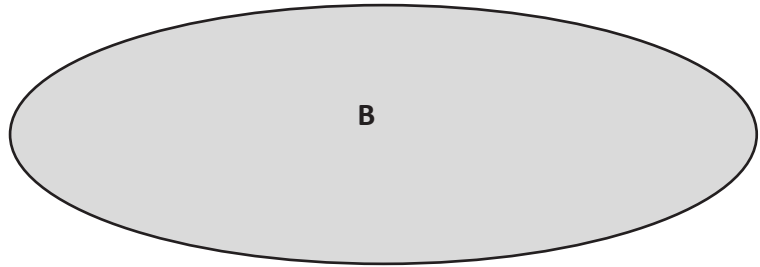
- b. Explain the steps you used to find the perimeter of the circular objects in the chart above.

# ANSWERS WILL VARY SOMEWHAT

2. Use your string and ruler to find the perimeter of the two shapes below to the nearest quarter inch.



Perimeter = 8 in



Perimeter =  $8\frac{3}{4}$  in

- a. Which shape has a greater perimeter?

Shape B.

- b. Find the difference between the two perimeters.

The difference is about  $\frac{3}{4}$  in.

3. Describe the steps you took to find the perimeter of the objects in Problem 2. Would you use this method to find the perimeter of a square? Explain why or why not.

I used a string to outline the shape. Then I measured the length of the string.

I would use a ruler to find the perimeter of a square.