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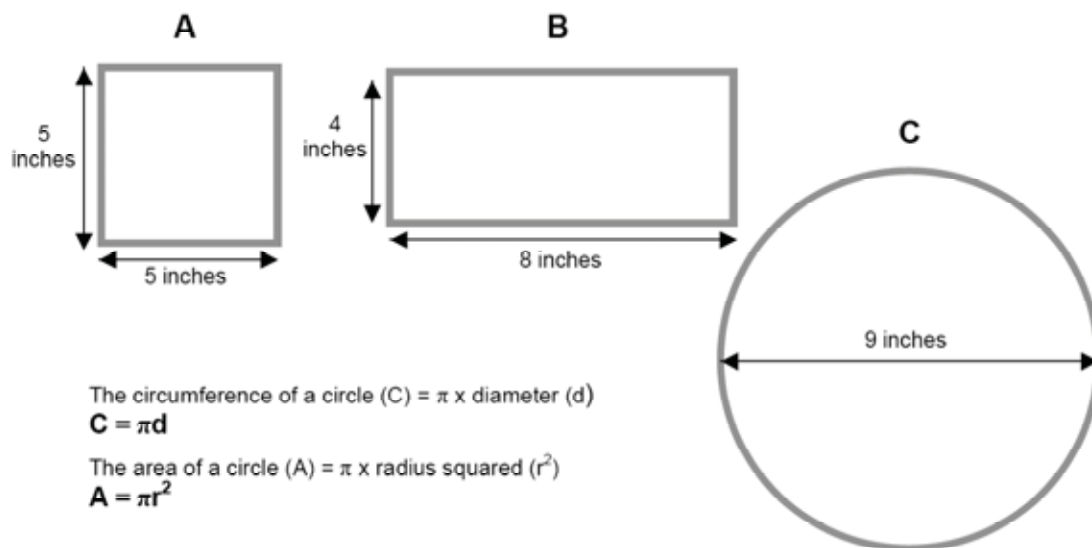
## Pizza Crusts

This problem gives you the chance to:

- find areas and perimeters of rectangular and circular shapes in a practical context
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Robbie loves the stuffed crusts on pizzas.

Here are some stuffed crust pizza shapes that are baked.



1. How many inches of stuffed crust are put around the edge of each of these pizzas?

**A** \_\_\_\_\_ inches

**B** \_\_\_\_\_ inches

**C** \_\_\_\_\_ inches

Show your calculations.

2. Here is a square pizza with an area of 36 square inches.

(a) What length of stuffed crust will be around the edge?

\_\_\_\_\_ inches



(b) Design two rectangular pizzas, each with an area of 36 square inches, with different perimeters, so that Robbie will have more crust than on the square pizza.

In each case calculate what the perimeter will be.

Pizza 1



Pizza 2



Perimeter of Pizza 1 \_\_\_\_\_ inches

Perimeter of Pizza 2 \_\_\_\_\_ inches

3. What is the circumference of a round pizza with an area of 36 square inches?

\_\_\_\_\_ inches

Explain how you figured this out.

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