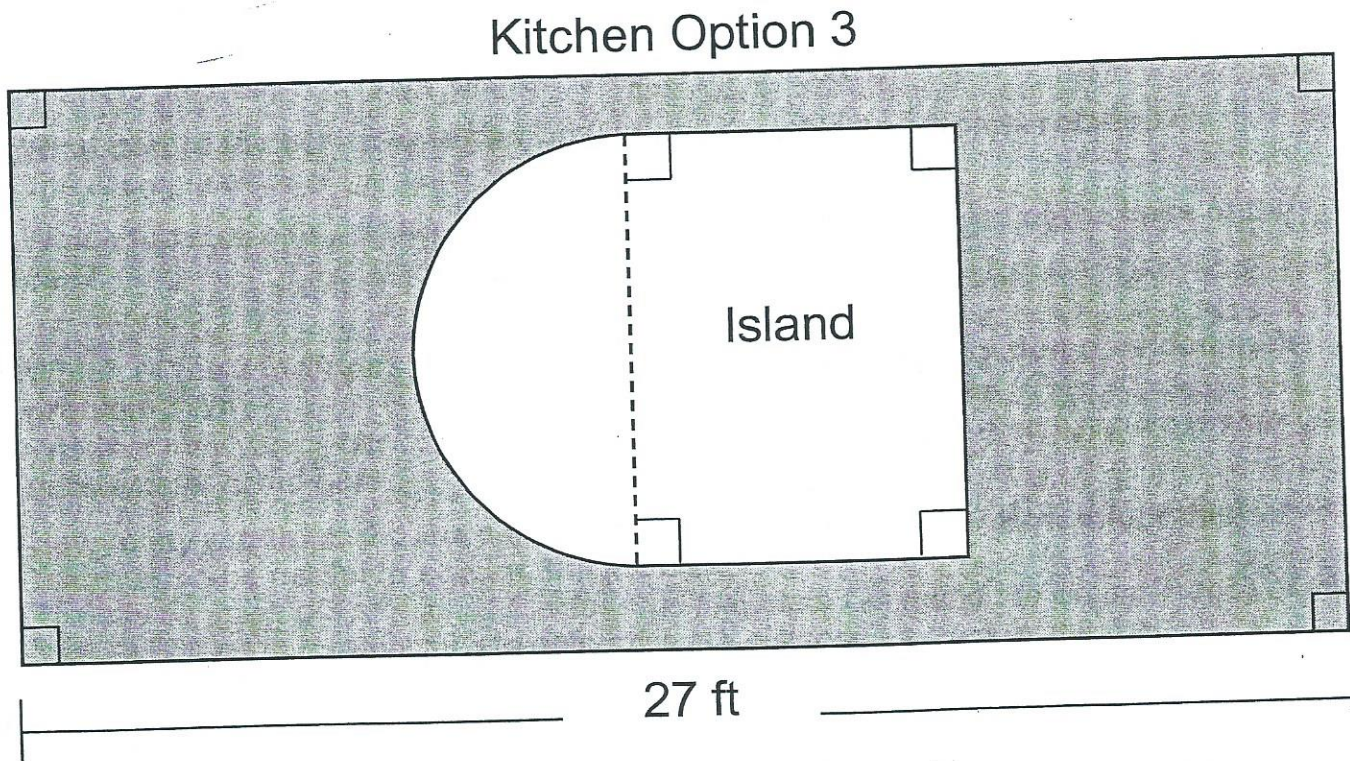
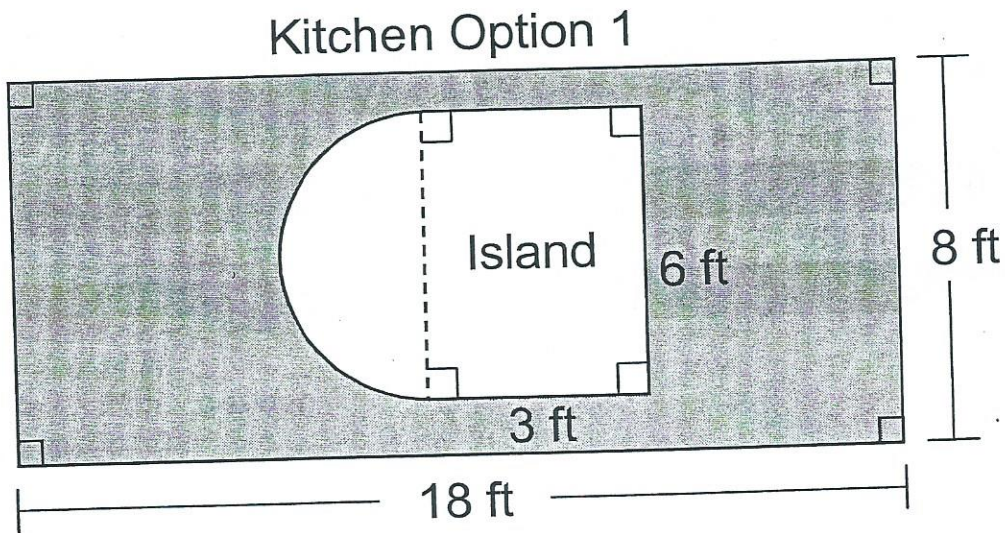


Transparency: Another Kitchen Option

Innovated Designs has created another Kitchen Option that is similar to Kitchen Option 1 as shown below. How could you determine the perimeter of the island in Kitchen Option 3?

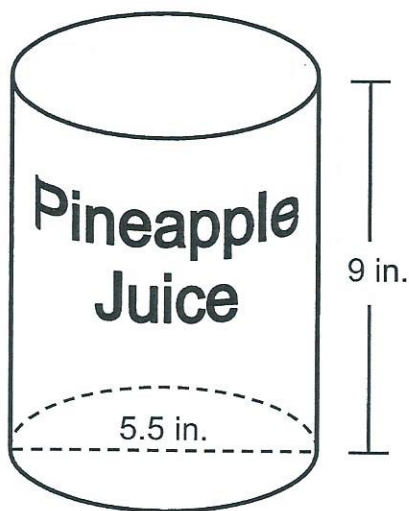




Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_

### Catch That Can!

While putting away her groceries, Mrs. Macias accidentally knocked over a can of pineapple juice. It rolled on the counter for 3 complete rotations before stopping. The drawing below shows the dimensions of the can.

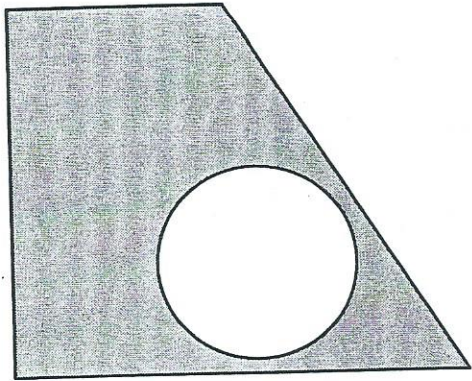


To the nearest tenth of an inch, what is the distance traveled by the pineapple juice can in 3 complete rotations? Justify your answer.

Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_

Evaluate: Perimeter, Area, and Circumference

- 1 The figure shows a circle inside a trapezoid.



Which procedure should be used to find the area of the shaded region?

- A Find the perimeter of the trapezoid and then add the circumference of the circle.
- B Find the perimeter of the trapezoid and then subtract the area of the circle.
- C Find the area of the trapezoid and then add the area of the circle.
- D Find the area of the trapezoid and then subtract the area of the circle.

- 2 Mr. Rana told his class that a particular rectangle has a perimeter of 55 units and an area of 150 square units. Which of the following could be the dimensions of the rectangle?

- 3 Scott wants to tile the floor of his new storage unit. He is going to use 6-inch by 6-inch square tiles. The storage unit is 9.5 feet wide and 12 feet long. What is the least number of tiles Scott will need to purchase in order to cover the entire floor?