# Perimeter and Area

Evaluate the following expressions.

1.  What is the perimeter of a rectangular yard measuring 40 feet by 60 feet?

2.  How many feet of fencing would be needed to surround that same yard if there were a 12-foot gap in the fence for the driveway and a 3-foot gap for the back gate?

3.  What is the perimeter (circumference) of a circle with a diameter of 12 inches? (Approximate π to 3.14)

4.  An apple pie has a diameter of 10 inches. What is the perimeter (circumference) if one quarter of the pie has been eaten? (Approximate π to 3.14)

5.  What is the area of a painting that is 26 inches by 32 inches?

6.  How much more area is in a pizza with a diameter of 16 inches than a pizza with a diameter of 8 inches? (Approximate π to 3.14)