

## 1-8 Perimeter, Circumference, and Area

## Part I

Warm Up:

**Objective:** To find the perimeter of polygons and circumference of circles.

**Perimeter of Polygons**

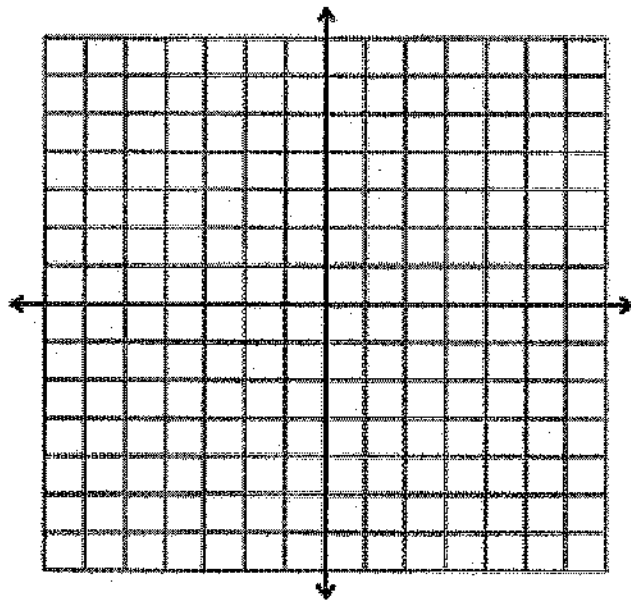
**Example:** What is the perimeter of a 13 by 6 rectangle?

**Circumference of Circles:**

**Example:** What is the circumference of a circle with radius 5?

**Perimeter on a Coordinate Plane**

Find the perimeter of the triangle with vertices  $A(-3,4)$ ,  $B(1,-2)$ , and  $C(5,5)$ .

**Circumference on a Coordinate Plane**

Find the circumference of a circle with center  $C(-3,2)$  and contains the point  $A(0,3)$ .

