

Section 1.7 Introduction to Perimeter, Circumference and Area

Formulas for the perimeter P , area A , and circumference C of some common plane figures are given below.

Square

Side length s

$$P = 4s$$

$$A = s^2$$

Triangle

Side lengths a , b , and c ,

base b , and height h

$$P = a + b + c$$

$$A = \frac{1}{2}bh$$

Rectangle

length l and width w

$$P = 2l + 2w$$

$$A = lw$$

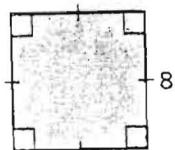
Circle

radius r

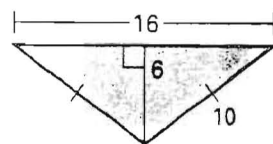
$$C = 2\pi r$$

$$A = \pi r^2$$

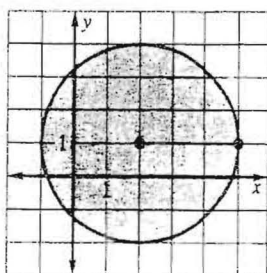
Example 1.



2.



3.



4.

