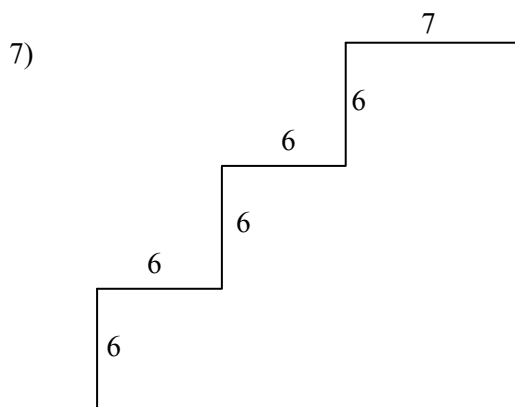
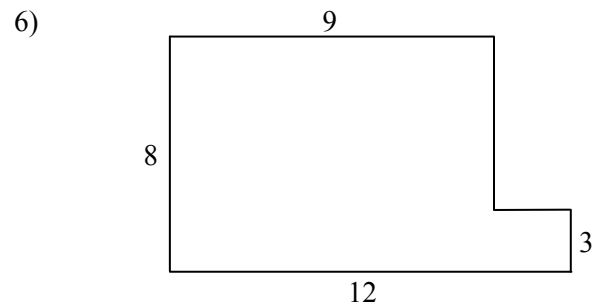
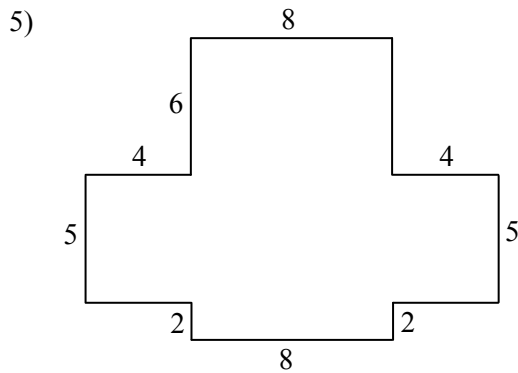


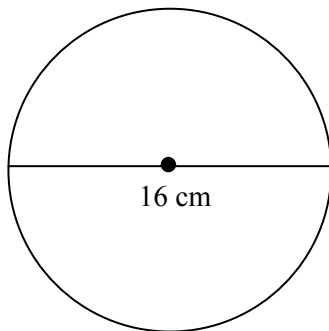
- 1) Find the side of a square if its area is  $81 \text{ cm}^2$ .                      2) Find the perimeter of a square if its area is  $144 \text{ cm}^2$ .
- 3) Find the area of a square if its perimeter is 80 cm.
- 4) Find the area of a rectangle if its perimeter is 30 and its base is 8.

**Find the area of each figure. All angles are right angles.**

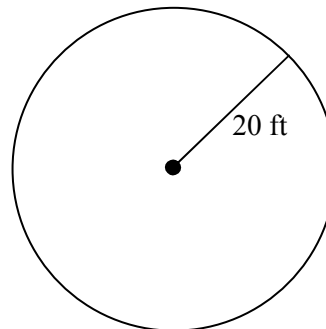


Find the area and circumference of the circle.

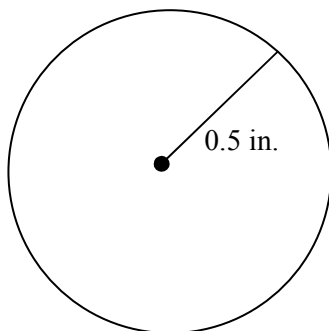
8)



9)



10)



### *Answer Key*

- 1) 9 cm
- 2) 48 cm
- 3)  $400 \text{ cm}^2$
- 4) 56
- 5) 144
- 6) 81
- 7) 234
- 8)  $A = 64\pi \text{ cm}^2$ ,  $C = 16\pi \text{ cm}$
- 9)  $A = 400\pi \text{ ft}^2$ ,  $C = 40\pi \text{ ft}$
- 10)  $A = 0.25\pi \text{ in.}^2$ ,  $C = \pi \text{ in.}$