Tutor-USA.com Worksheet Geometry Areas of Rectangles – Area & Circumference of Circles

Name: ______
Date: _____

- 1) Find the side of a square if its area is 81 cm².
- 2) Find the perimeter of a square if its area is 144 cm².
- 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.

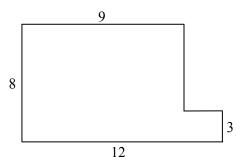
4

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

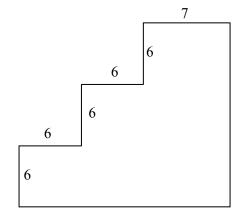
6 4

5

6)



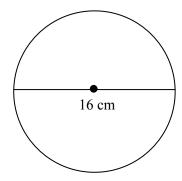
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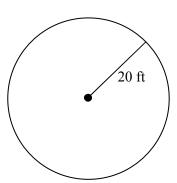
8

Find the area and circumference of the circle.

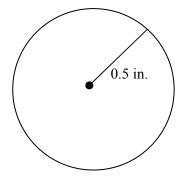
8)



9)



10)



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Answer Key

- 1) 9 cm
- 2) 48 cm
- 3) 400 cm²
- 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) $A = 0.25\pi \text{ in.}^2$, $C = \pi \text{ in.}$