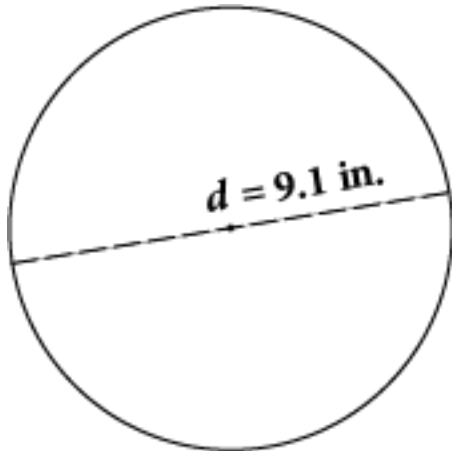


Finding the Perimeter and Circumference Practice Problems

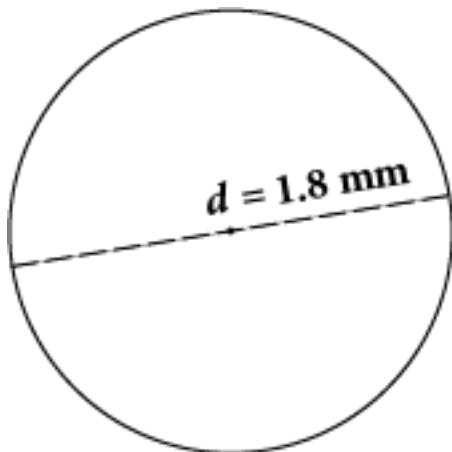
Now that you have completed the practice problems, check your answers to see how you did.

- 1) Find the exact circumference of the circle.



Solution $9.1\pi \text{ in.}$

- 2) Find the approximate circumference of the circle.

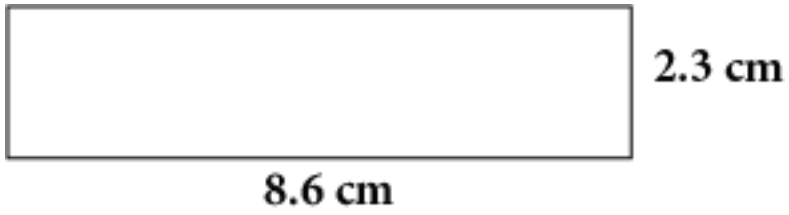


Solution 5.652 mm

- 3) Find the approximate circumference of the circle with radius 20.1 m.

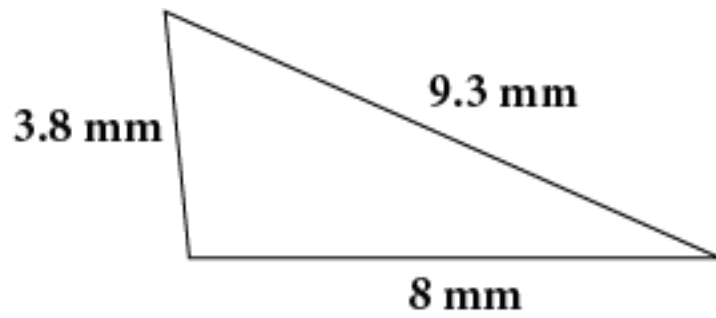
Solution 126.228 m

4) Find the perimeter.



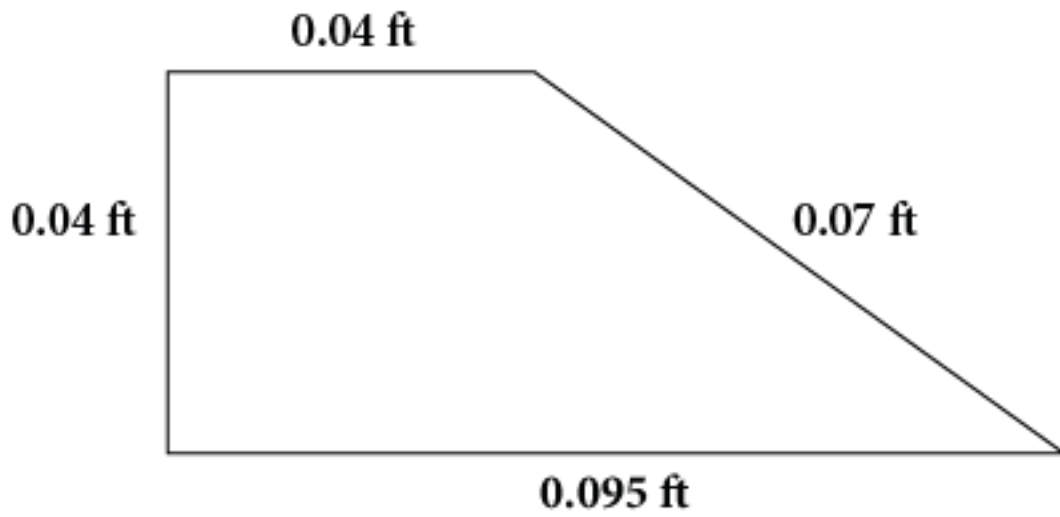
Solution 21.8 cm

5) Find the perimeter.



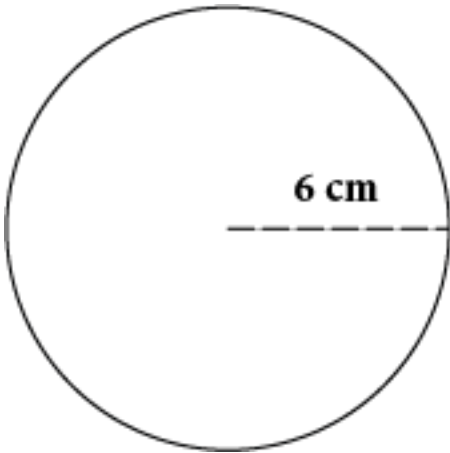
Solution 21.1 mm

6) Find the perimeter.



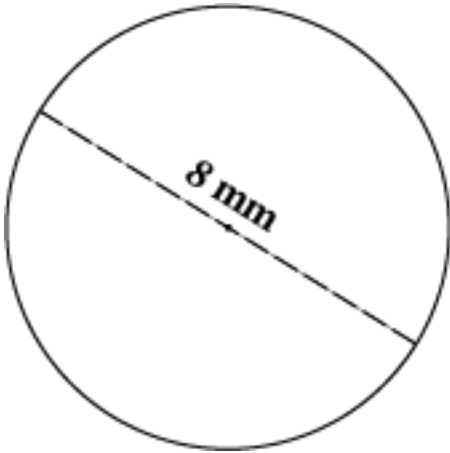
Solution 0.245 ft

7) Find the approximate circumference.



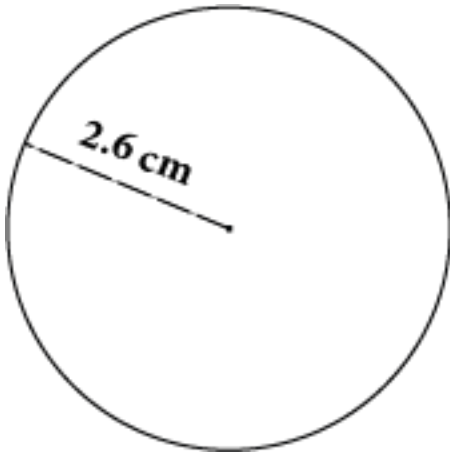
Solution 37.68 cm

8) Find the approximate circumference.



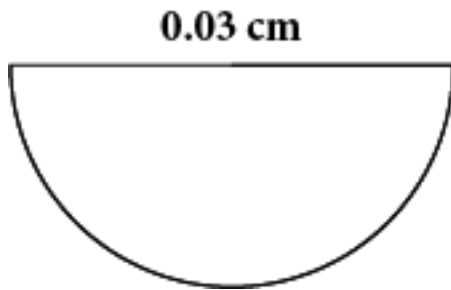
Solution 25.12 mm

9) Find the approximate circumference.



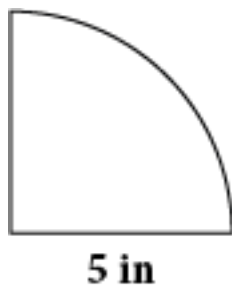
Solution 16.328 cm

10) Find the perimeter if $d = .03$ cm and $r = .015$ cm.



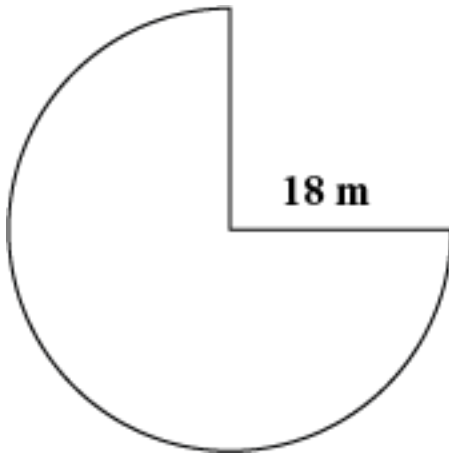
Solution $(.5)(2)(3.14)(.015) + .03 = 0.0771$ cm

11) Find the Perimeter if $r = 5$ in.



Solution $(.25)(2)(3.14)(5) + 5 + 5 = 17.85$ in

12) Find the perimeter if $r = 18$ m.



Solution $(.75)(2)(3.14)(18) + 18 + 18 = 120.78$ m

Resource:

Ellis, W., & Burzynski, D. (2010, August 18). *Measurement and Geometry: Area and Volume of Geometric Figures and Objects*. Retrieved from: <http://cnx.org/content/m35022/latest/?collection=col10615/latest>. This work is licensed under the Creative Commons Attribution 3.0 Unported License. To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc-sa/3.0/>.