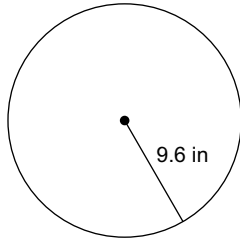


## SM2-A HW #10-3 (Area: circles, triangles, rectangles, prisms)

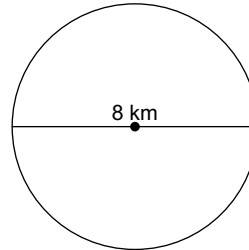
Period \_\_\_\_\_

Find the area of each. Use your calculator's value of  $\pi$ . Round your answer to the nearest tenth.

1)



2)

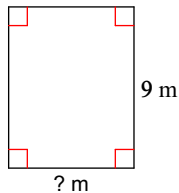


3) circumference = 62.8 cm

4) circumference = 54.7 m

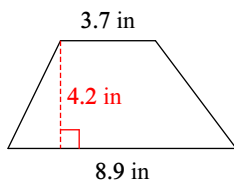
Find the missing measurement. Round your answer to the nearest tenth.

5)

Area = 63 m<sup>2</sup>

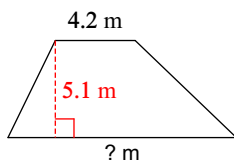
Find the area of each. Round to 2 decimal places.

6)

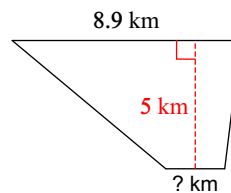


Find the missing measurement. Round your answer to the nearest tenth.

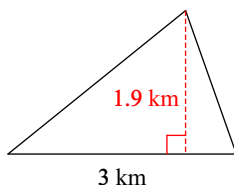
7)

Area = 41.3 m<sup>2</sup>

8)

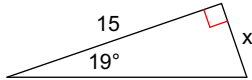
Area = 28 km<sup>2</sup>

9)

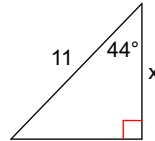


**Find the missing side. Round to the nearest tenth.**

10)

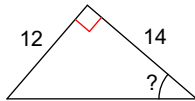


11)

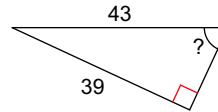


**Find the measure of the indicated angle to the nearest degree.**

12)

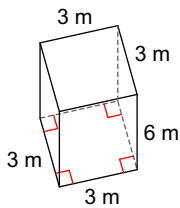


13)

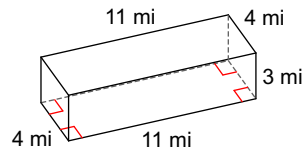


**Find the surface area of each figure. Round your answers to the nearest hundredth, if necessary.**

14)



15)



16) The area of a rectangle is  $2250 \text{ in}^2$ . The length is 22 in.

a) What is the width?

b) What is the perimeter?

17) The area of a rectangle is  $4950 \text{ in}^2$ . The length is 45 in.

a) What is the width?

b) What is the perimeter?