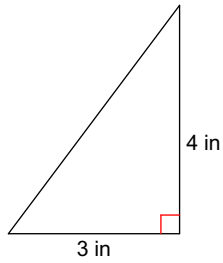


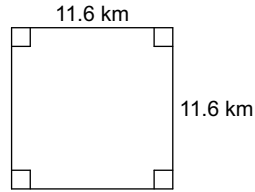
Topic 5: Plane Figures - Areas & Circles

Find the area of each.

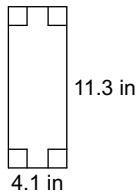
1)



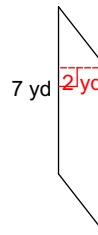
2)



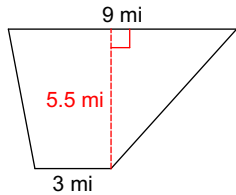
3)



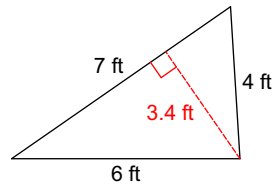
4)



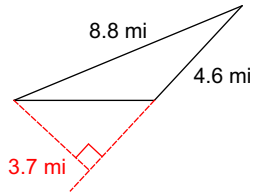
5)



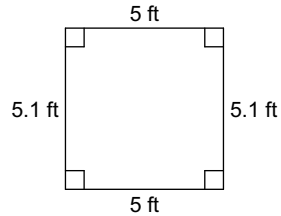
6)



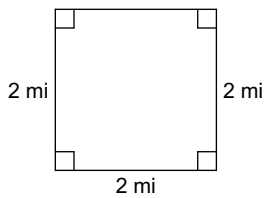
7)



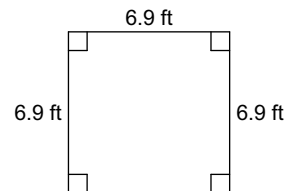
8)



9)

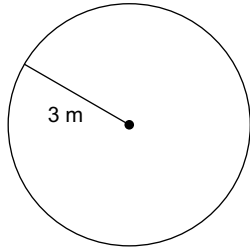


10)

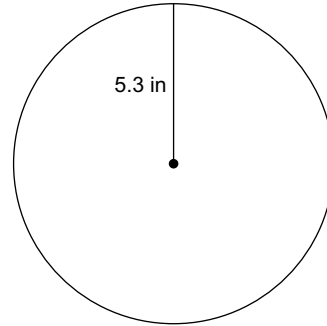


**Find the diameter of each circle. Round your answer to the nearest tenth.**

11)

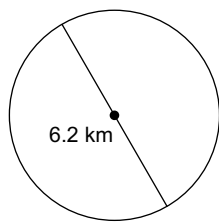


12)

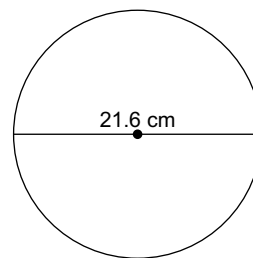


**Find the radius of each circle. Round your answer to the nearest tenth.**

13)

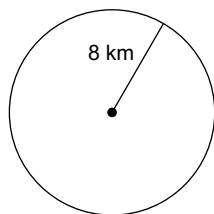


14)

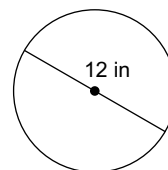


**Find the area of each. Round your answer to the nearest tenth.**

15)



16)

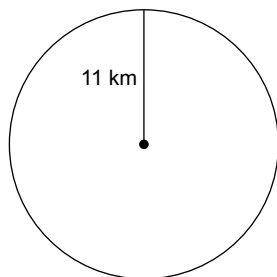


17) radius = 3.6 cm

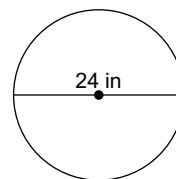
18) diameter = 13 in

**Find the circumference of each circle. Round your answer to the nearest tenth.**

19)



20)



21) radius = 2.6 mi

22) diameter = 9.4 ft

## Answers to Topic 5: Plane Figures - Areas & Circles (ID: 1)

- |                          |                           |                           |                           |
|--------------------------|---------------------------|---------------------------|---------------------------|
| 1) 6 in <sup>2</sup>     | 2) 134.56 km <sup>2</sup> | 3) 46.33 in <sup>2</sup>  | 4) 14 yd <sup>2</sup>     |
| 5) 33 mi <sup>2</sup>    | 6) 11.9 ft <sup>2</sup>   | 7) 8.51 mi <sup>2</sup>   | 8) 25.5 ft <sup>2</sup>   |
| 9) 4 mi <sup>2</sup>     | 10) 47.61 ft <sup>2</sup> | 11) 6 m                   | 12) 10.6 in               |
| 13) 3.1 km               | 14) 10.8 cm               | 15) 201.1 km <sup>2</sup> | 16) 113.1 in <sup>2</sup> |
| 17) 40.7 cm <sup>2</sup> | 18) 132.7 in <sup>2</sup> | 19) 69.1 km               | 20) 75.4 in               |
| 21) 16.3 mi              | 22) 29.5 ft               |                           |                           |