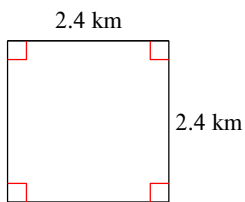


# Assignment

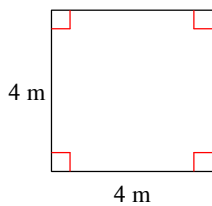
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**Find the area of each.**

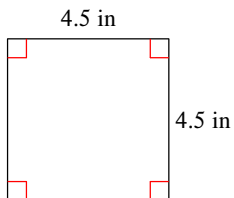
1)



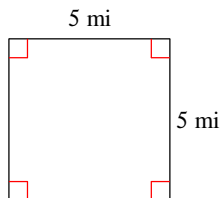
2)



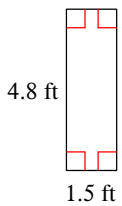
3)



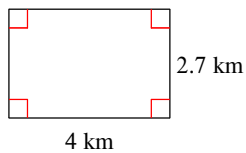
4)



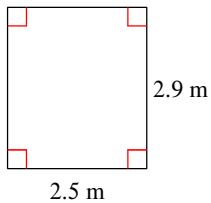
5)



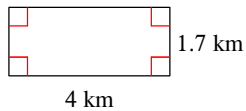
6)



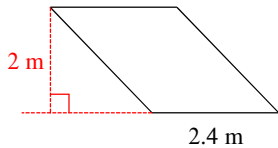
7)



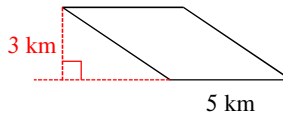
8)



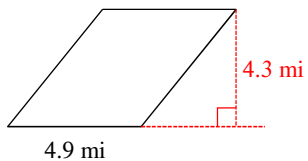
9)



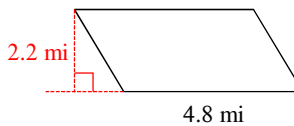
10)



11)

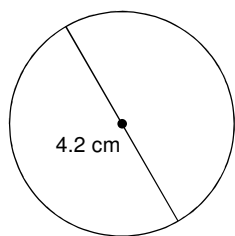


12)

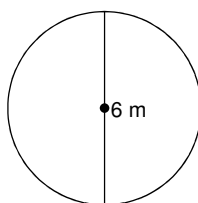


Find the radius of each circle. Round your answer to the nearest tenth.

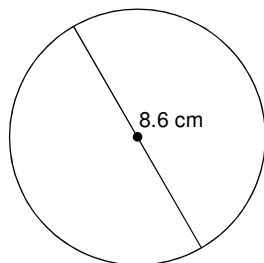
13)



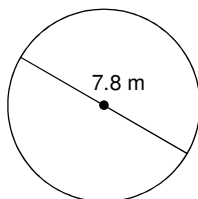
14)



15)

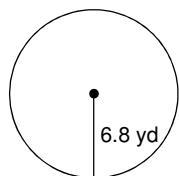


16)

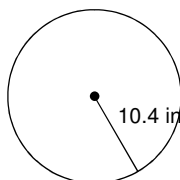


Find the area of each. Use 3.14 for the value of  $\pi$ . Round your answer to the nearest tenth.

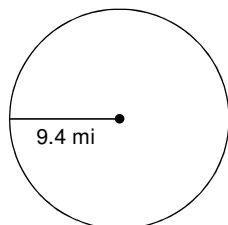
17)



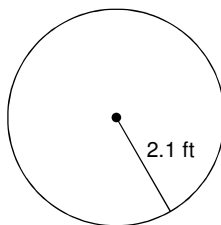
18)



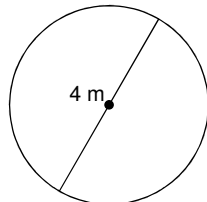
19)



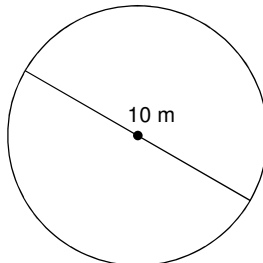
20)



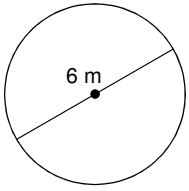
21)



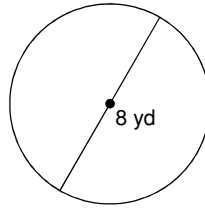
22)



23)

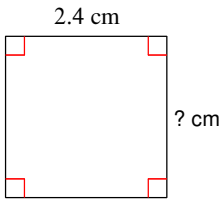


24)



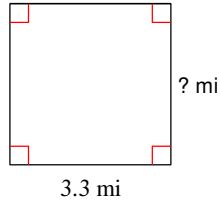
**Find the missing measurement. Round your answer to the nearest tenth.**

25)



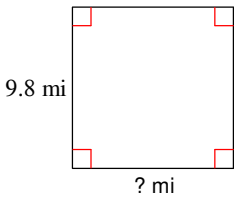
$$\text{Area} = 5.8 \text{ cm}^2$$

26)



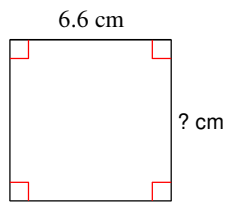
$$\text{Area} = 10.9 \text{ mi}^2$$

27)



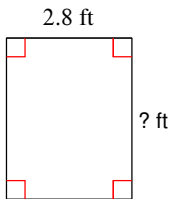
$$\text{Area} = 96 \text{ mi}^2$$

28)



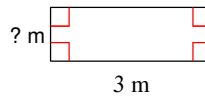
$$\text{Area} = 43.6 \text{ cm}^2$$

29)



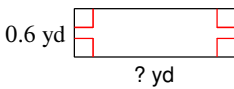
$$\text{Area} = 10.1 \text{ ft}^2$$

30)



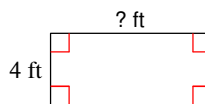
$$\text{Area} = 3 \text{ m}^2$$

31)



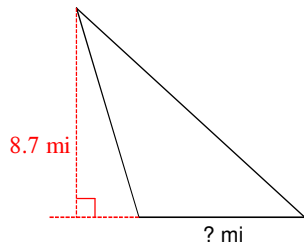
$$\text{Area} = 1.2 \text{ yd}^2$$

32)



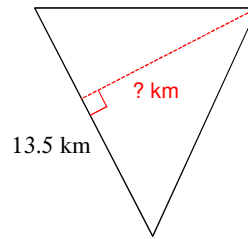
$$\text{Area} = 36 \text{ ft}^2$$

33)



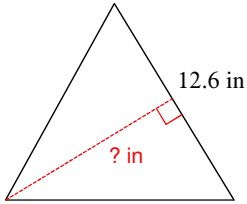
$$\text{Area} = 30 \text{ mi}^2$$

34)



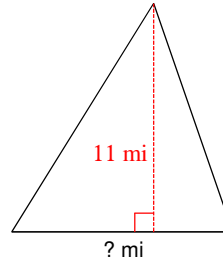
$$\text{Area} = 70.2 \text{ km}^2$$

35)



$$\text{Area} = 67.4 \text{ in}^2$$

36)



$$\text{Area} = 58.3 \text{ mi}^2$$

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

37) area = 201.1 ft<sup>2</sup>

38) area = 380.1 km<sup>2</sup>

39) area = 314.2 km<sup>2</sup>

40) area = 153.9 km<sup>2</sup>

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

41) area = 113.1 cm<sup>2</sup>

42) area = 50.3 m<sup>2</sup>

43) area = 153.9 mi<sup>2</sup>

44) area = 237.8 cm<sup>2</sup>

## Answers to Assignment (ID: 1)

- |                           |                           |                           |                           |
|---------------------------|---------------------------|---------------------------|---------------------------|
| 1) 5.76 km <sup>2</sup>   | 2) 16 m <sup>2</sup>      | 3) 20.25 in <sup>2</sup>  | 4) 25 mi <sup>2</sup>     |
| 5) 7.2 ft <sup>2</sup>    | 6) 10.8 km <sup>2</sup>   | 7) 7.25 m <sup>2</sup>    | 8) 6.8 km <sup>2</sup>    |
| 9) 4.8 m <sup>2</sup>     | 10) 15 km <sup>2</sup>    | 11) 21.07 mi <sup>2</sup> | 12) 10.56 mi <sup>2</sup> |
| 13) 2.1 cm                | 14) 3 m                   | 15) 4.3 cm                | 16) 3.9 m                 |
| 17) 145.2 yd <sup>2</sup> | 18) 339.6 in <sup>2</sup> | 19) 277.5 mi <sup>2</sup> | 20) 13.8 ft <sup>2</sup>  |
| 21) 12.6 m <sup>2</sup>   | 22) 78.5 m <sup>2</sup>   | 23) 28.3 m <sup>2</sup>   | 24) 50.2 yd <sup>2</sup>  |
| 25) 2.4 cm                | 26) 3.3 mi                | 27) 9.8 mi                | 28) 6.6 cm                |
| 29) 3.6 ft                | 30) 1 m                   | 31) 2 yd                  | 32) 9 ft                  |
| 33) 6.9 mi                | 34) 10.4 km               | 35) 10.7 in               | 36) 10.6 mi               |
| 37) 8 ft                  | 38) 11 km                 | 39) 10 km                 | 40) 7 km                  |
| 41) 12 cm                 | 42) 8 m                   | 43) 14 mi                 | 44) 17.4 cm               |