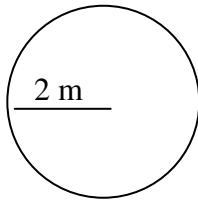


Name: _____ Period: _____ Date: _____

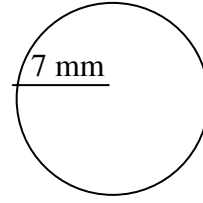
Find the area of the given circles. Round your answers to the nearest tenth. (Not in terms of π)

1.



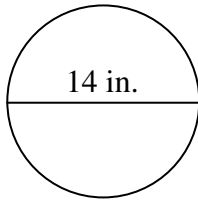
3. a. $4\pi \text{ m}^2$ b. 12.6 m c. 12.6 m^2 d. $4\pi \text{ m}$

2.



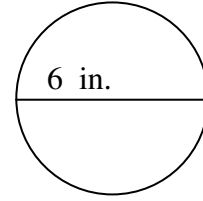
4. a. 153.9 mm^2 b. 49 mm^2 c. 49 mm d. 153.9 mm

5.



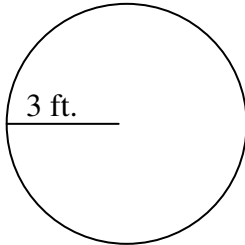
6. a. $196 \pi \text{ in}^2$ b. 5.75 in^2 c. 615.75 in d. 153.9 in^2

6.



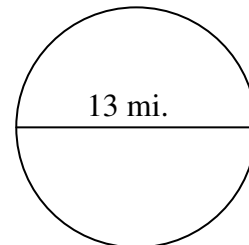
7. a. $9 \pi \text{ in}^2$ b. 28.3 in^2 c. 113.1 in^2 d. $36 \pi \text{ in}^2$

7.



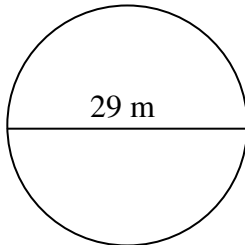
8. a. $9 \pi \text{ ft}^2$ b. 28.3 ft^2 c. $28.3 \pi \text{ ft}^2$ d. 9 ft^2

8.



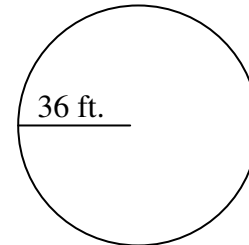
9. a. 132.7 mi^2 b. 169 mi^2 c. 530.9 mi^2 d. $169\pi \text{ mi}^2$

9.



10. a. 45.6 m b. 45.6 m^2 c. 660.5 m^2 d. 2642.1 m^2

10.



11. a. 1296 ft^2 b. $1296\pi \text{ ft}^2$ c. 113.1 ft^2 d. 4071.5 ft^2

a. 36 yd^2

b. 113.1 yd^2

c. $36 \pi \text{ yd}^2$

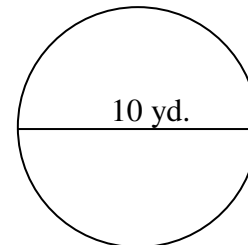
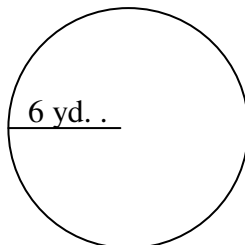
d. 18.8 yd^2

a. $6 \pi \text{ yd}^2$

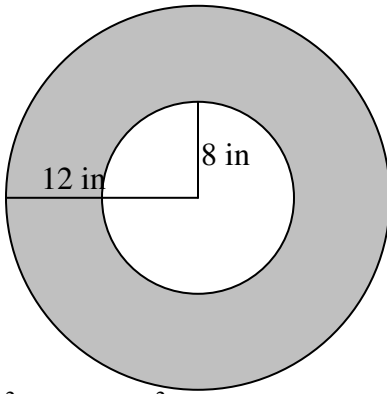
b. 113.1 yd^2

c. 78.5 yd^2

d. 36 yd^2

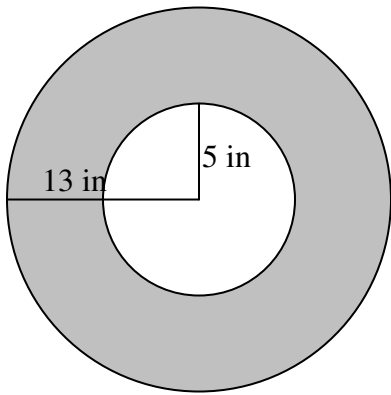


11. Find the area of the shaded region.



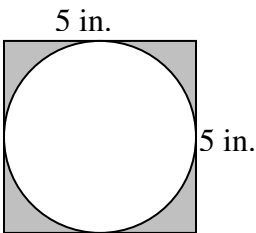
- a. 50.3 in^2 b. 250 in^2 c. 50.3 in d. 251.3 in^2

12. Find the area of the shaded region



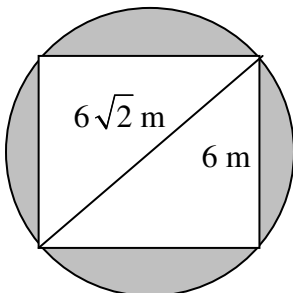
- a. 452.4 in^2 b. 530.9 in^2 c. 201.1 in d. 201.1 in^2

13. Find the area of the shaded region.



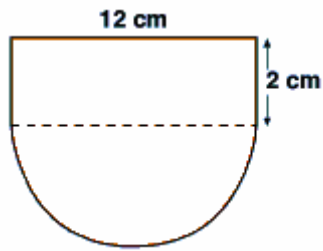
- a. 9.3 in^2 b. 25 in^2 c. 5.4 in^2 d. 19.6 in^2

14. Find the area of the shaded region



- a. 20.5 m^2 b. $18\pi \text{ m}^2$ c. 9.3 m^2 d. 100 m^2

15. Find the area of the given figure



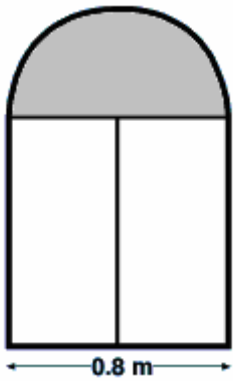
- a. 30 cm^2 b. 250.2 cm^2 c. 42.8 cm^2 d. 80.5 cm^2

16. Find the area of the given figure



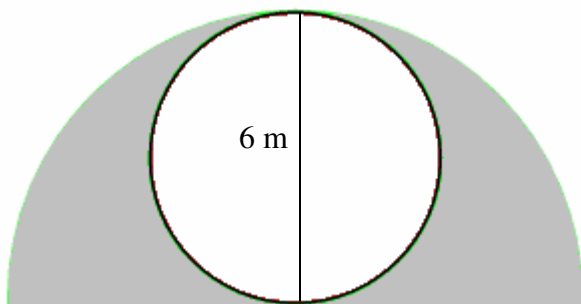
- a. $16\pi \text{ cm}^2$ b. 50.3 cm^2 c. 25.1 cm^2 d. $8\pi \text{ cm}$

17. Find the area of the shaded region
(round to the nearest hundredth)



- a. $.5 \text{ m}^2$ b. $.25 \text{ m}^2$ c. 2.51 m^2 d. $.64 \text{ m}^2$

18. Find the area of the shaded region



- a. 28.3 m^2 b. 18.8 m^2 c. 113.1 m^2 d. 84.8 m^2