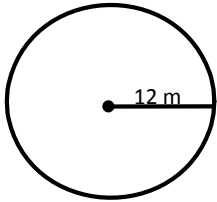


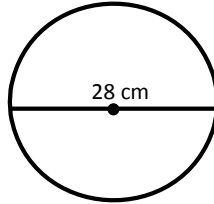
Circles

Directions: For questions 1 through 3, find the circumference of the circle in terms of π and then rounded to the nearest tenth.

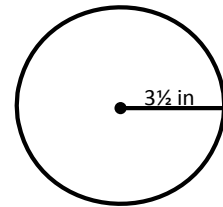
1.



2.



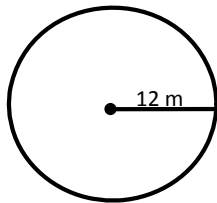
3.



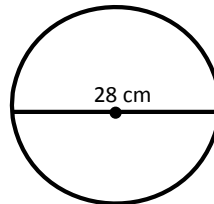
4. Find the radius of the circle if $C = 60$ feet. Round your answer to the nearest tenth.

Directions: For questions 5 through 7, find the area of the circle in terms of π and then rounded to the nearest tenth.

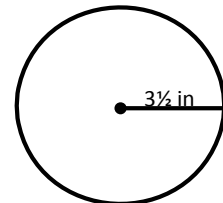
5.



6.

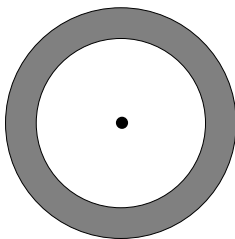


7.



8. Find the radius of the circle if $A = 60$ square feet. Round your answer to the nearest tenth.

9. Find the area of the shaded region if the radius of the larger circle is 10 m and the radius of the smaller circle is 8 m.



10. Find the total distance traveled if a bicycle has a diameter of 20 inches and it makes five revolutions.

11. If the radius of a circle is doubled, what is the ratio of the circumference of the smaller circle to the circumference of the larger circle.

12. If the radius of a circle is doubled, what is the ratio of the area of the smaller circle to the area of the larger circle.

13. Frank is planting a circular garden with a diameter of six feet. Approximately how much fencing is needed to surround the garden? What is the minimum amount of soil needed to cover the garden?