

Area of a Circle

1. 1. Find the area of the circle given a radius of 7 cm

1 point

Mark only one oval.

- A 43.98 cm
- B 87.76 cm
- C 126.3 cm
- D 153.9 cm

2. 2. Find the area of the circle given a radius of 23 ft

1 point

Mark only one oval.

- A 72.26 ft
- B 144.51 ft
- C 209.3 ft
- D 1,661.9 ft

3. 3. Find the area of the circle given a radius of 12 miles

1 point

Mark only one oval.

- A 452.39 mi
- B 75.40 mi
- C 37.70 mi
- D 607.89 mi

4. 4. Find the area of the circle given a diameter of 22 inch

1 point

Mark only one oval.

- A 138.23 in
- B 380.13 in
- C 1520.53 in
- D 69.12 in

5. 5. Find the area of the circle given a diameter of 29 cm

1 point

Mark only one oval.

- A 182.21 cm
- B 91.11 cm
- C 2642.08 cm
- D 660.52 cm

6. 6. Find the area of the circle given a diameter of 56 inch

1 point

Mark only one oval.

- A 351.86 in
- B 175.93 in
- C 2463.01 in
- D 9852.03 in

7. 7. Find the area of the circle given a radius of 18.64 m

1 point

Mark only one oval.

- A 117.12 m
- B 1091.55 m
- C 58.56 in
- D 362.31 in

8. 8. Find the area of the circle given a radius of 47.12 yds

1 point

Mark only one oval.

- A 148.03 yds
- B 296.07 yds
- C 8479.35 yds
- D 6975.26 yds

9. 9. Find the area of the circle given a radius of 7.94 mm

1 point

Mark only one oval.

- A 198.06 mm
- B 49.89 mm
- C 76.23 mm
- D 313.54 mm

10. 10. Find the area of the circle given a diameter of 25.12 inch

1 point

Mark only one oval.

- A 78.92 in
- B 157.83 in
- C 495.60 in
- D 1982.39 in

11. 11. Find the area of the circle given a diameter of 98.39 meters

1 point

Mark only one oval.

- A 3728.32 m
- B 618.20 m
- C 9680.59 m
- D 7603.12 m

12. 12. Find the area of the circle given a diameter of 17.71 feet

1 point

Mark only one oval.

- A 313.64 ft
- B 985.34 ft
- C 246.34 ft
- D 111.28 ft

13. 13. The diameter of a flour tortilla is 13.85 inches. What is the area of the tortilla? 1 point

Mark only one oval.

- A 150.66 in
- B 87.02 in
- C 43.51 in
- D 214.12 in

14. 14. The Inlet Lighthouse lights up 34 miles into the ocean. What is the area of the light? (Hint: The light spins around with the blub shining 34 miles in all directions - like a radius) 1 point

Mark only one oval.

- A 3631.68 mi
- B 4571.16 mi
- C 2136.28 mi
- D 427.26 mi

15. 15. The area of a circle's equation is: 1 point

Mark only one oval.

- A $2 \times 3.14 \times r$
- B $3.14 \times d$
- C $d / 2 \times 3.14 \times r$
- D $d / 2 \times 3.14$

16. 16. You can find the word of the day by going back and finding the answer to question #15. Use that letter a, b, c, or d, to answer this question. (This is your bonus point question) 1 point

Mark only one oval.

- A Consistent
- B knowledgeable
- C Thunder
- D Powerful

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