

## Surface Area of a Sphere

Name: \_\_\_\_\_

Date: \_\_\_\_\_

To find the surface area of a sphere ( $A = 4\pi r^2$ ).

- 1) Calculate the surface area of a sphere if the diameter is 28.2 mm.

\_\_\_\_\_

- 2) If the radius is 9.3 m then calculate the surface area of a sphere?

\_\_\_\_\_

- 3) Calculate the surface area of a sphere if the diameter is 24.8 cm.

\_\_\_\_\_

- 4) If the diameter is 26.6 cm then calculate the radius of a sphere?

\_\_\_\_\_

- 5) If the radius is 12.7 in then calculate the surface area of a sphere?

\_\_\_\_\_

- 6) Calculate the surface area of a sphere if the diameter is 32.4 cm.

\_\_\_\_\_

- 7) Calculate the radius of a sphere if the diameter is 30.2 m.

\_\_\_\_\_

- 8) If the radius is 17.2 in then calculate the surface area of a sphere?

\_\_\_\_\_

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To find the surface area of a sphere ( $A = 4\pi r^2$ ).

- 1) Calculate the surface area of a sphere if the diameter is 28.2 mm.

2498.32 mm<sup>2</sup>

- 2) If the radius is 9.3 m then calculate the surface area of a sphere?

1086.87 m<sup>2</sup>

- 3) Calculate the surface area of a sphere if the diameter is 24.8 cm.

1932.21 cm<sup>2</sup>

- 4) If the diameter is 26.6 cm then calculate the radius of a sphere?

2222.87 cm<sup>2</sup>

- 5) If the radius is 12.7 in then calculate the surface area of a sphere?

2026.83 in<sup>2</sup>

- 6) Calculate the surface area of a sphere if the diameter is 32.4 cm.

3297.92 cm<sup>2</sup>

- 7) Calculate the radius of a sphere if the diameter is 30.2 m.

15.1 m

- 8) If the radius is 17.2 in then calculate the surface area of a sphere?

3717.64 in<sup>2</sup>