

Volume of a Sphere

Name: _____

Date: _____

To find the volume of a sphere ($V = \frac{4}{3} \pi r^3$)

- 1) If the radius is 15 m then calculate the volume of a sphere?

- 2) Calculate the volume of a sphere if the diameter is 22 m.

- 3) If the radius is 13 mm then calculate the volume of a sphere?

- 4) Calculate the volume of a sphere if the radius is 10 cm.

- 5) If the diameter is 16 cm then calculate the volume of a sphere?

- 6) If the diameter is 17 mm then calculate the radius of a sphere?

- 7) Calculate the volume of a sphere if the diameter is 33 cm.

- 8) Calculate the radius of a sphere if the diameter is 36 in.

Volume of a Sphere

Name: _____

Date: _____

To find the volume of a sphere ($V = \frac{4}{3} \pi r^3$)

- 1) If the radius is 15 m then calculate the volume of a sphere?

14137.17 m³

- 2) Calculate the volume of a sphere if the diameter is 22 m.

5575.28 m³

- 3) If the radius is 13 mm then calculate the volume of a sphere?

9202.77 mm³

- 4) Calculate the volume of a sphere if the radius is 10 cm.

4188.79 cm³

- 5) If the diameter is 16 cm then calculate the volume of a sphere?

2144.66 cm³

- 6) If the diameter is 17 mm then calculate the radius of a sphere?

8.5 mm

- 7) Calculate the volume of a sphere if the diameter is 33 cm.

18816.57 cm³

- 8) Calculate the radius of a sphere if the diameter is 36 in.

18 in