

Surface Area of a Sphere

Name: _____

Date: _____

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

- 1) If the diameter is 16.48 m then calculate the radius of a sphere?

- 2) Calculate the surface area of a sphere if the diameter is 16.66 mm.

- 3) If the radius is 17.1 cm then calculate the surface area of a sphere?

- 4) Calculate the surface area of a sphere if the diameter is 28.46 m.

- 5) If the radius is 10.19 in then calculate the surface area of a sphere?

- 6) If the diameter is 18.28 in then calculate the radius of a sphere?

- 7) Calculate the surface area of a sphere if the diameter is 28.14 m.

- 8) Calculate the diameter of a sphere if the radius is 7.44 cm.

Surface Area of a Sphere

Name: _____

Date: _____

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

- 1) If the diameter is 16.48 m then calculate the radius of a sphere?

8.24 m

- 2) Calculate the surface area of a sphere if the diameter is 16.66 mm.

871.97 mm²

- 3) If the radius is 17.1 cm then calculate the surface area of a sphere?

3674.53 cm²

- 4) Calculate the surface area of a sphere if the diameter is 28.46 m.

2544.6 m²

- 5) If the radius is 10.19 in then calculate the surface area of a sphere?

1304.84 in²

- 6) If the diameter is 18.28 in then calculate the radius of a sphere?

9.14 in

- 7) Calculate the surface area of a sphere if the diameter is 28.14 m.

2487.7 m²

- 8) Calculate the diameter of a sphere if the radius is 7.44 cm.

14.88 cm²
