

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 11.9 mm.

- 2) If the radius is 2.65 m then calculate the surface area of a sphere?

- 3) Calculate the surface area of a sphere if the diameter is 4.86 cm.

- 4) If the diameter is 2.64 cm then calculate the radius of a sphere?

- 5) If the radius is 17.1 in then calculate the surface area of a sphere?

- 6) Calculate the surface area of a sphere if the diameter is 4.42 cm.

- 7) Calculate the surface area of a sphere if the diameter is 42.12 m.

- 8) If the radius is 7 in then calculate the surface area of a sphere?

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 11.9 mm.

444.88 mm²

- 2) If the radius is 2.65 m then calculate the surface area of a sphere?

88.25 m²

- 3) Calculate the surface area of a sphere if the diameter is 4.86 cm.

74.2 cm²

- 4) If the diameter is 2.64 cm then calculate the radius of a sphere?

21.9 cm²

- 5) If the radius is 17.1 in then calculate the surface area of a sphere?

3674.53 in²

- 6) Calculate the surface area of a sphere if the diameter is 4.42 cm.

61.38 cm²

- 7) Calculate the surface area of a sphere if the diameter is 42.12 m.

5573.48 m²

- 8) If the radius is 7 in then calculate the surface area of a sphere?

615.75 in²