

Surface Area of a Sphere

Name: _____

Date: _____

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

- 1) If the radius is 1.12 m then calculate the surface area of a sphere?

- 2) Calculate the surface area of a sphere if the diameter is 9 cm.

- 3) If the radius is 7.47 in then calculate the surface area of a sphere?

- 4) If the diameter is 29.1 in then calculate the surface area of a sphere?

- 5) Calculate the surface area of a sphere if the radius is 21.64 cm.

- 6) If the radius is 9.19 in then calculate the surface area of a sphere?

- 7) If the diameter is 4.24 cm then calculate the radius of a sphere?

- 8) Calculate the surface area of a sphere if the diameter is 6.86 m.

Surface Area of a Sphere

Name: _____

Date: _____

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

- 1) If the radius is 1.12 m then calculate the surface area of a sphere?

15.76 m²

- 2) Calculate the surface area of a sphere if the diameter is 9 cm.

254.47 cm²

- 3) If the radius is 7.47 in then calculate the surface area of a sphere?

701.21 in²

- 4) If the diameter is 29.1 in then calculate the surface area of a sphere?

2660.33 in²

- 5) Calculate the surface area of a sphere if the radius is 21.64 cm.

5884.7 cm²

- 6) If the radius is 9.19 in then calculate the surface area of a sphere?

1061.31 in²

- 7) If the diameter is 4.24 cm then calculate the radius of a sphere?

56.48 cm²

- 8) Calculate the surface area of a sphere if the diameter is 6.86 m.

147.84 m²