

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 radius is 5 in.

- 2) Calculate the surface area of a sphere if the diameter is 12 m.

- 3) If the radius is 4 cm then calculate the surface area of a sphere?

- 4) Calculate the surface area of a sphere if the diameter is 16 mm.

- 5) Calculate the surface area of a sphere if the radius is 9 in.

- 6) If the diameter is 4 cm then calculate the surface area of a sphere?

- 7) Calculate the surface area of a sphere if the diameter is 5 mm.

- 8) If the diameter is 18 cm then calculate the surface area of a sphere?

Surface Area of a Sphere

Name: _____

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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 radius is 5 in.

314.16 in²

- 2) Calculate the surface area of a sphere if the diameter is 12 m.

452.39 m²

- 3) If the radius is 4 cm then calculate the surface area of a sphere?

201.06 cm²

- 4) Calculate the surface area of a sphere if the diameter is 16 mm.

804.25 mm²

- 5) Calculate the surface area of a sphere if the radius is 9 in.

1017.88 in²

- 6) If the diameter is 4 cm then calculate the surface area of a sphere?

50.27 cm²

- 7) Calculate the surface area of a sphere if the diameter is 5 mm.

78.54 mm²

- 8) If the diameter is 18 cm then calculate the surface area of a sphere?

1017.88 cm²