

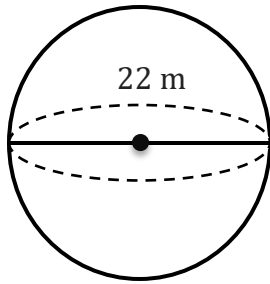
# Surface Area of a Sphere

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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

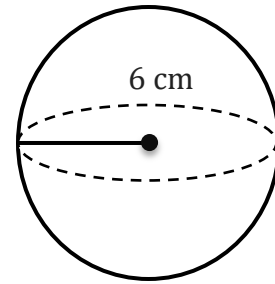
1)



A=

---

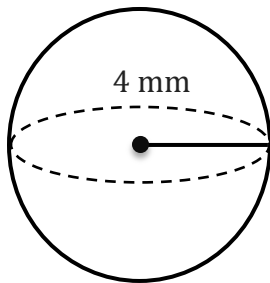
2)



A=

---

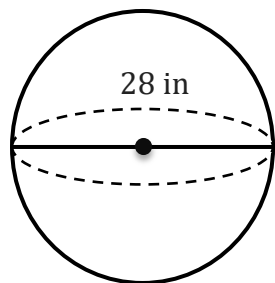
3)



A=

---

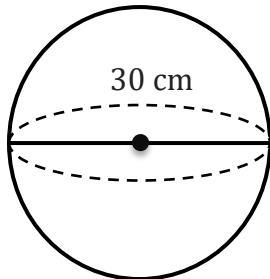
4)



A=

---

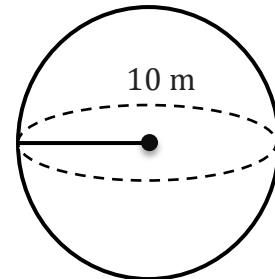
5)



A=

---

6)



A=

---

7) Calculate the surface area of a sphere if the diameter is 40 cm.

---

8) If the radius of a cylinder is 13 m then find the surface area of a sphere?

---

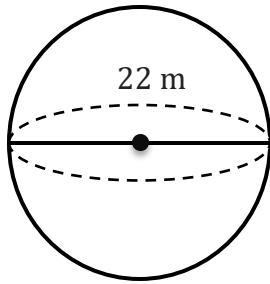
# Surface Area of a Sphere

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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

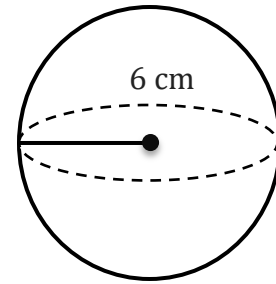
1)



$$A = 1520.53 \text{ m}^2$$

---

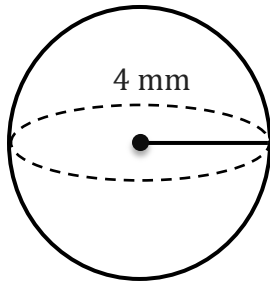
2)



$$A = 452.39 \text{ cm}^2$$

---

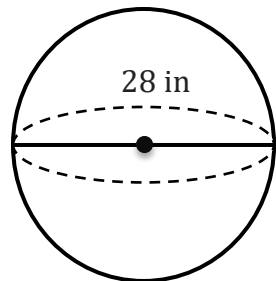
3)



$$A = 201.06 \text{ mm}^2$$

---

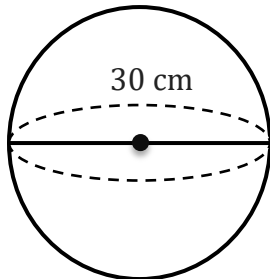
4)



$$A = 2463.01 \text{ in}^2$$

---

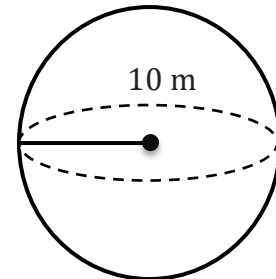
5)



$$A = 2827.43 \text{ cm}^2$$

---

6)



$$A = 1256.64 \text{ m}^2$$

---

7) Calculate the surface area of a sphere if the diameter is 40 cm.

$$5026.55 \text{ cm}^2$$

---

8) If the radius of a cylinder is 13 m then find the surface area of a sphere?

$$2123.72 \text{ m}^2$$

---