

Name: _____

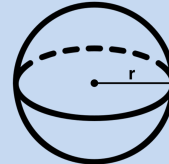
Finding the Surface Area of a Sphere



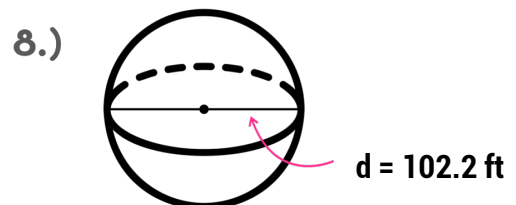
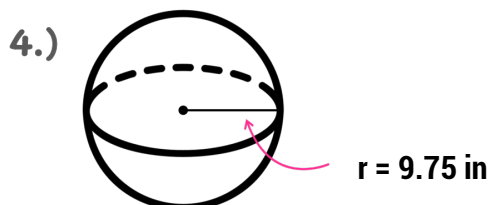
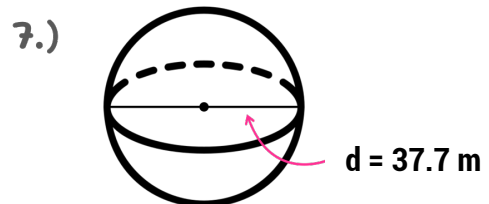
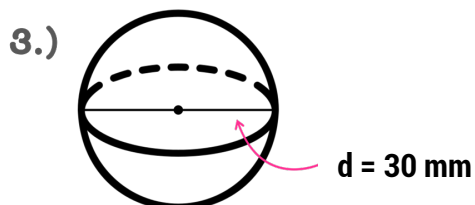
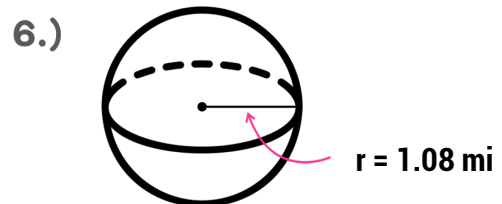
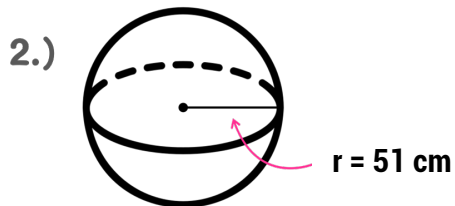
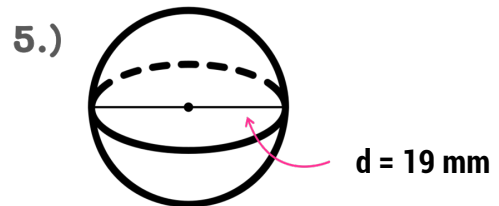
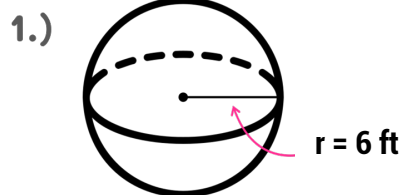
Surface Area of a Sphere Formula

$$A = 4\pi r^2$$

Where r is the radius of the sphere.



Directions: Find the surface area of each sphere and round your answer to the nearest tenth.



ANSWER KEY

- 1.) $SA = 452.4 \text{ ft}^2$
- 2.) $SA = 32,685.1 \text{ cm}^2$
- 3.) $SA = 2,827.4 \text{ mm}^2$
- 4.) $SA = 1,194.6 \text{ in}^2$
- 5.) $SA = 1,134.1 \text{ mm}^2$
- 6.) $SA = 14.7 \text{ mi}^2$
- 7.) $SA = 4,465.1 \text{ m}^2$
- 8.) $SA = 32,813.4 \text{ ft}^3$