

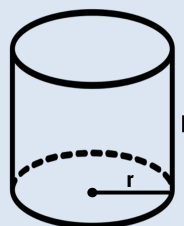
Name: _____

Finding the Surface Area of a Cylinder

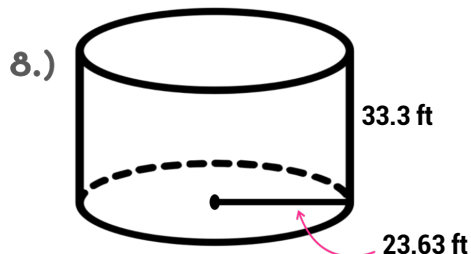
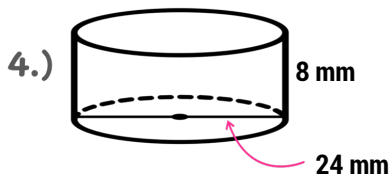
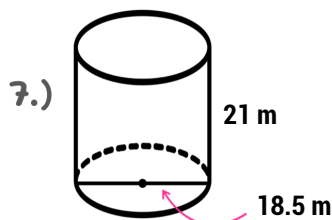
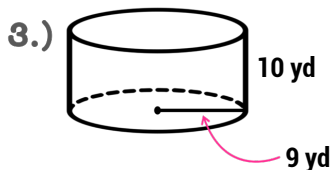
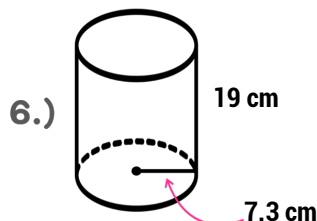
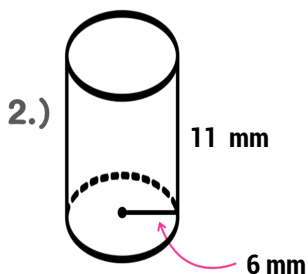
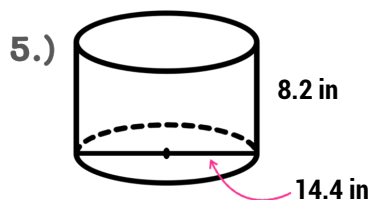
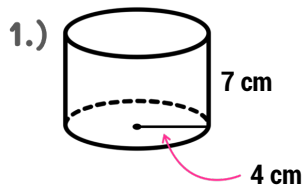
Surface Area of a Cylinder Formula

$$SA = 2\pi rh + 2\pi r^2$$

Where r is the radius of the base of the cylinder and h is the height.



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



ANSWER KEY

- 1.) $SA = 276.5 \text{ cm}^2$
- 2.) $SA = 640.9 \text{ mm}^2$
- 3.) $SA = 1,074.4 \text{ yd}^2$
- 4.) $SA = 4,825.5 \text{ mm}^2$
- 5.) $SA = 696.7 \text{ in}^2$
- 6.) $SA = 1,206.3 \text{ cm}^2$
- 7.) $SA = 4,591.4 \text{ m}^2$ 8.)
 $SA = 8,452.5 \text{ ft}^2$