

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

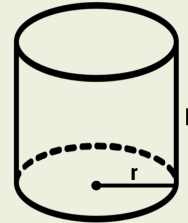
# Finding the Surface Area of a Cylinder



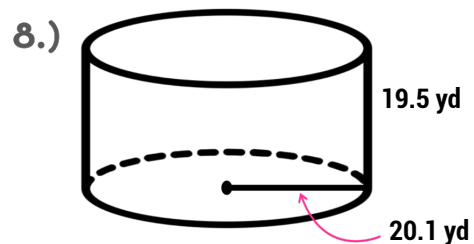
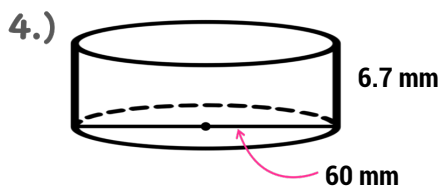
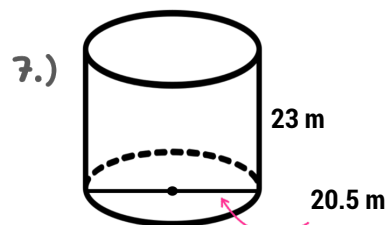
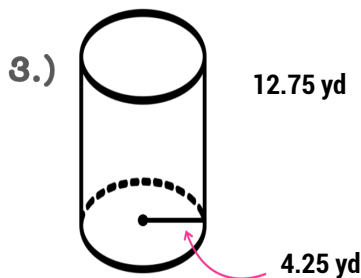
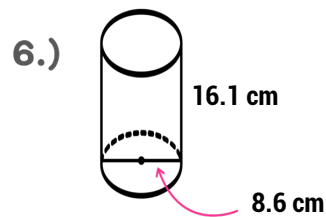
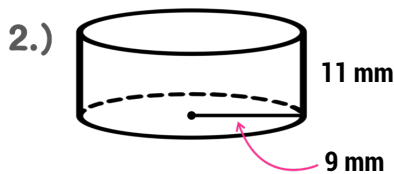
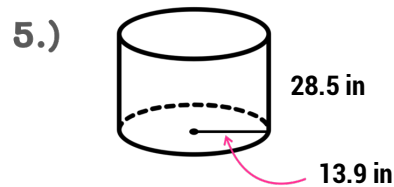
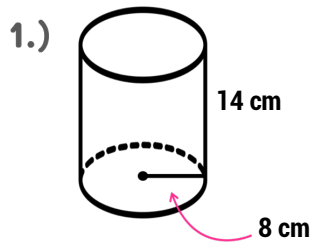
## Surface Area of a Cylinder Formula

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

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.)  $SA = 2,814.9 \text{ cm}^2$
- 2.)  $SA = 2,799.2 \text{ mm}^2$
- 3.)  $SA = 723.5 \text{ yd}^2$
- 4.)  $SA = 18,943.8 \text{ mm}^2$
- 5.)  $SA = 17,299.1 \text{ in}^2$
- 6.)  $SA = 935.2 \text{ cm}^2$
- 7.)  $SA = 7,591.5 \text{ m}^2$
- 8.)  $SA = 24,750.1 \text{ ft}^2$