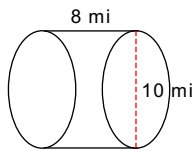


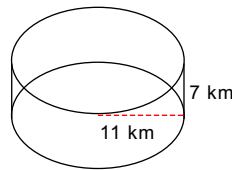
## Surface Area of Cylinders

Find the surface area of each figure. Round to the nearest tenth.

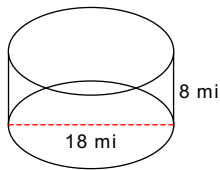
1)



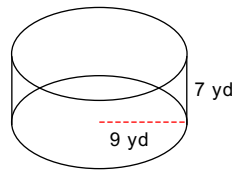
2)



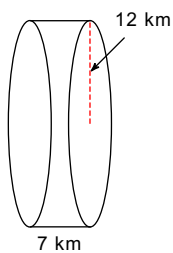
3)



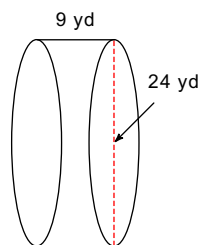
4)



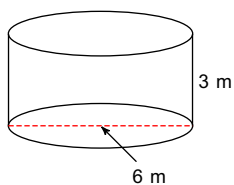
5)



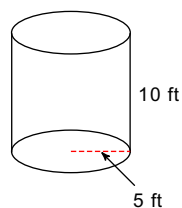
6)



7)



8)



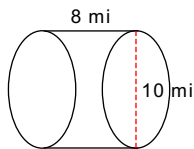
Find the surface area of each figure. Round your answers to the nearest tenth, if necessary.

- 9) A cylinder with a diameter of 12 cm and a height of 7 cm.
- 10) A cylinder with a radius of 3 in and a height of 12 in.
- 11) A cylinder with a diameter of 12 mi and a height of 9 mi.
- 12) A cylinder with a diameter of 4 in and a height of 3 in.

## Surface Area of Cylinders

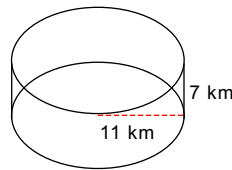
Find the surface area of each figure. Round to the nearest tenth.

1)



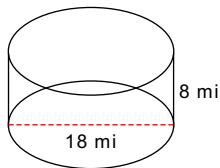
$$408.4 \text{ mi}^2$$

2)



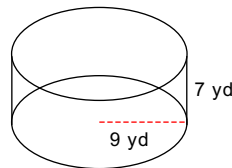
$$1244.1 \text{ km}^2$$

3)



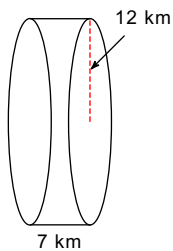
$$961.3 \text{ mi}^2$$

4)



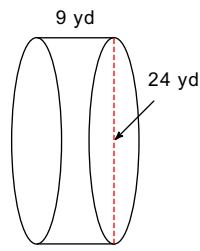
$$904.8 \text{ yd}^2$$

5)



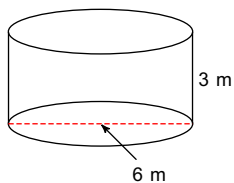
$$1432.6 \text{ km}^2$$

6)



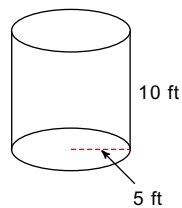
$$1583.4 \text{ yd}^2$$

7)



$$113.1 \text{ m}^2$$

8)



$$471.2 \text{ ft}^2$$

Find the surface area of each figure. Round your answers to the nearest tenth, if necessary.

- 9) A cylinder with a diameter of 12 cm and a height of 7 cm.

$$490.09 \text{ cm}^2$$

- 10) A cylinder with a radius of 3 in and a height of 12 in.

$$282.74 \text{ in}^2$$

- 11) A cylinder with a diameter of 12 mi and a height of 9 mi.

$$565.49 \text{ mi}^2$$

- 12) A cylinder with a diameter of 4 in and a height of 3 in.

$$62.83 \text{ in}^2$$