

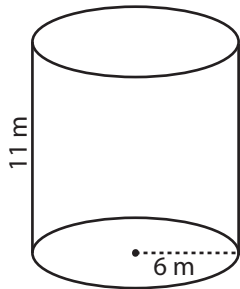
Name : \_\_\_\_\_

Score : \_\_\_\_\_

### Volume - Cylinder

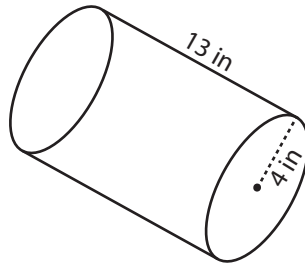
Find the exact volume of each cylinder.

1)



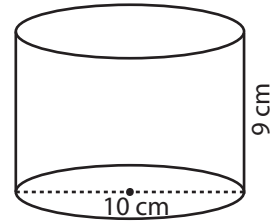
Volume = \_\_\_\_\_

2)



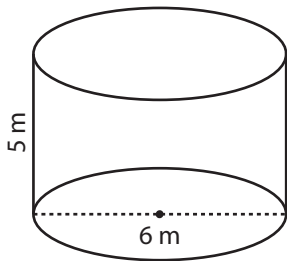
Volume = \_\_\_\_\_

3)



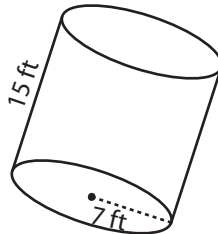
Volume = \_\_\_\_\_

4)



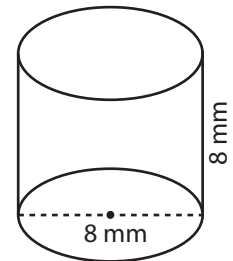
Volume = \_\_\_\_\_

5)



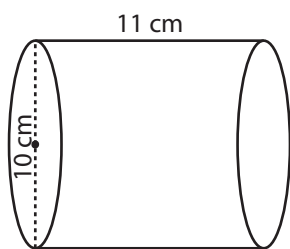
Volume = \_\_\_\_\_

6)



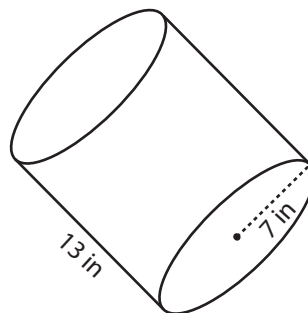
Volume = \_\_\_\_\_

7)



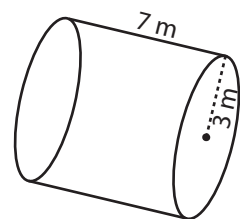
Volume = \_\_\_\_\_

8)



Volume = \_\_\_\_\_

9)



Volume = \_\_\_\_\_

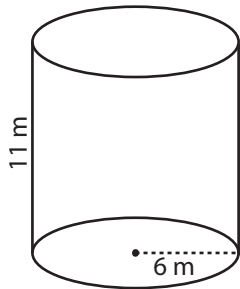
10) The cross-section of a pipe has a width of 6 centimeter and height of 15 centimeter. Calculate the volume of the pipe.

Volume = \_\_\_\_\_

**Answer Key**

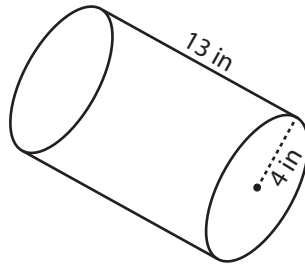
Find the exact volume of each cylinder.

1)



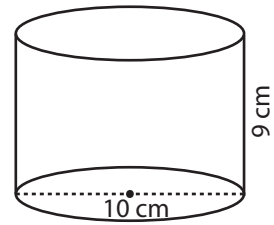
Volume =  $396\pi \text{ m}^3$

2)



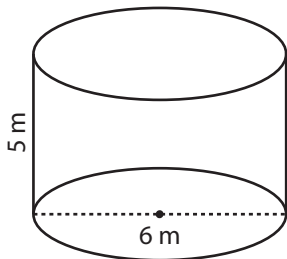
Volume =  $208\pi \text{ in}^3$

3)



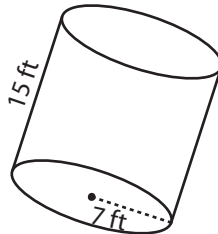
Volume =  $225\pi \text{ cm}^3$

4)



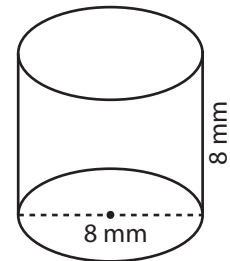
Volume =  $45\pi \text{ m}^3$

5)



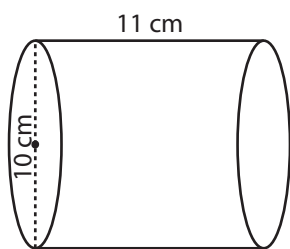
Volume =  $735\pi \text{ ft}^3$

6)



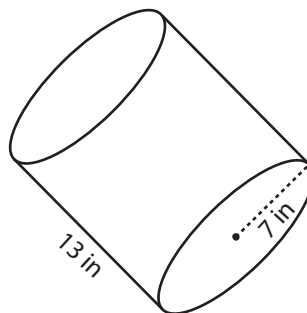
Volume =  $128\pi \text{ mm}^3$

7)



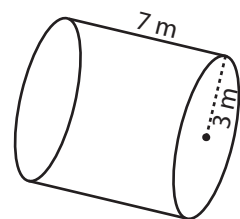
Volume =  $275\pi \text{ cm}^3$

8)



Volume =  $637\pi \text{ in}^3$

9)



Volume =  $63\pi \text{ m}^3$

10) The cross-section of a pipe has a width of 6 centimeter and height of 15 centimeter. Calculate the volume of the pipe.

Volume =  $135\pi \text{ cm}^3$