

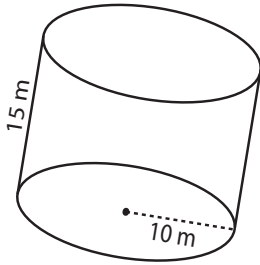
Name : _____

Score : _____

Volume - Cylinder

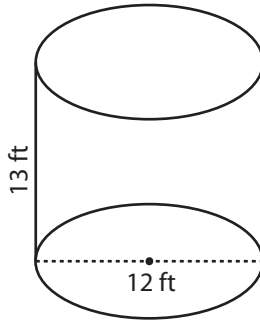
Find the exact volume of each cylinder.

1)



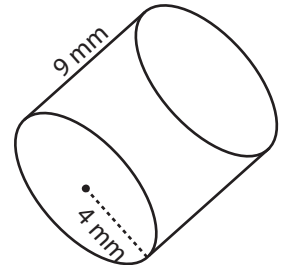
Volume = _____

2)



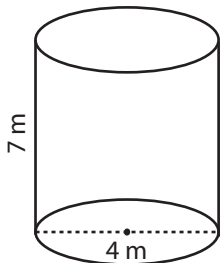
Volume = _____

3)



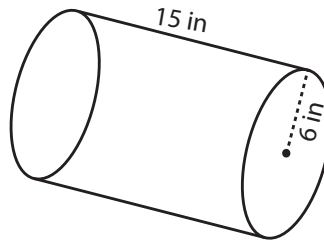
Volume = _____

4)



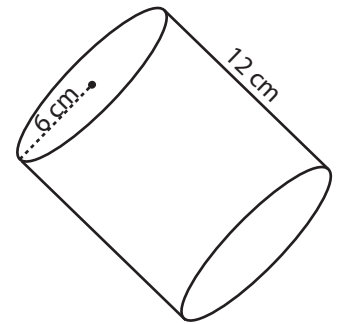
Volume = _____

5)



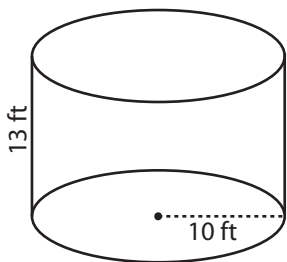
Volume = _____

6)



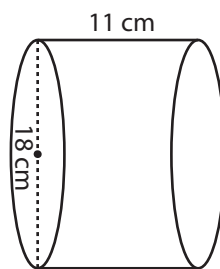
Volume = _____

7)



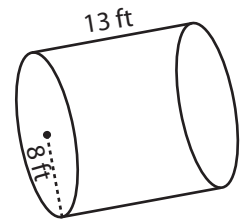
Volume = _____

8)



Volume = _____

9)



Volume = _____

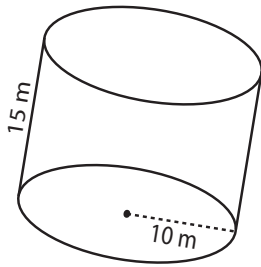
10) A circular bath tub base has a radius of 2 feet and a depth of one foot. What is the maximum volume of water can it hold?

Volume = _____

Answer Key

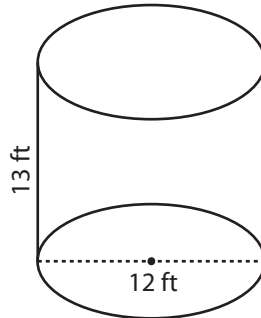
Find the exact volume of each cylinder.

1)



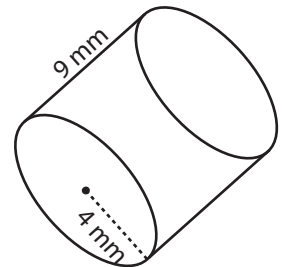
Volume = $1500\pi \text{ m}^3$

2)



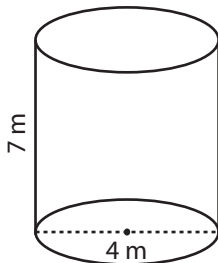
Volume = $468\pi \text{ ft}^3$

3)



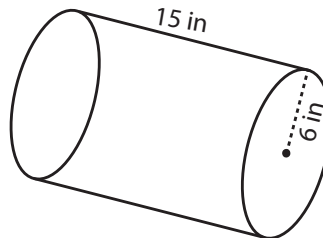
Volume = $144\pi \text{ mm}^3$

4)



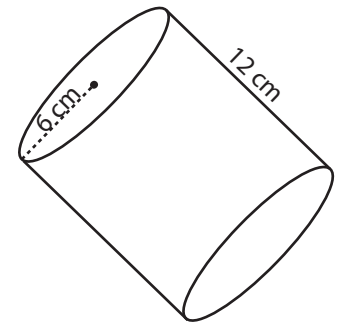
Volume = $28\pi \text{ m}^3$

5)



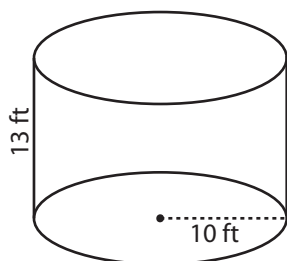
Volume = $540\pi \text{ in}^3$

6)



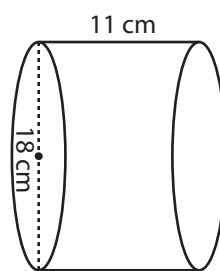
Volume = $432\pi \text{ cm}^3$

7)



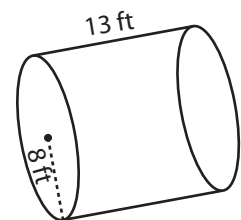
Volume = $1300\pi \text{ ft}^3$

8)



Volume = $891\pi \text{ cm}^3$

9)



Volume = $832\pi \text{ ft}^3$

10) A circular bath tub base has a radius of 2 feet and a depth of one foot. What is the maximum volume of water can it hold?

Volume = $4\pi \text{ ft}^3$