

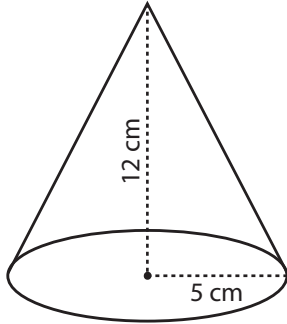
Name : \_\_\_\_\_

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

### Volume - Cone

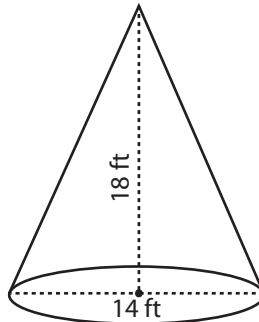
Find the exact volume of each cone.

1)



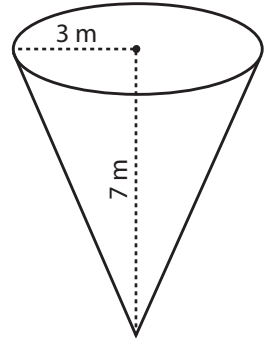
Volume = \_\_\_\_\_

2)



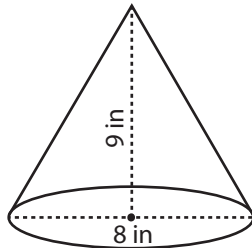
Volume = \_\_\_\_\_

3)



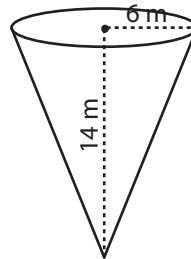
Volume = \_\_\_\_\_

4)



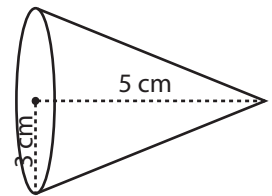
Volume = \_\_\_\_\_

5)



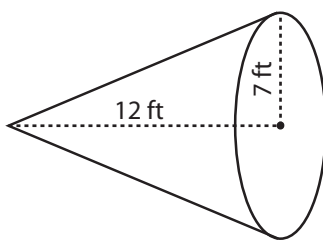
Volume = \_\_\_\_\_

6)



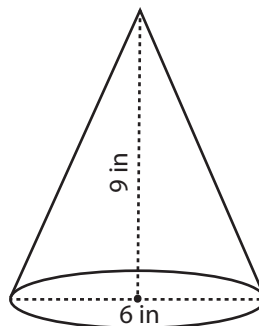
Volume = \_\_\_\_\_

7)



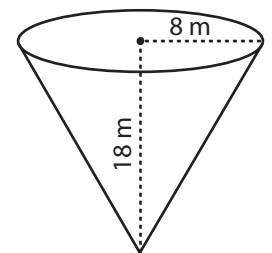
Volume = \_\_\_\_\_

8)



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

9)



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

10) A party hat has a diameter of 18 centimeter and a height of 25 centimeter. Find the volume of air it can occupy.

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

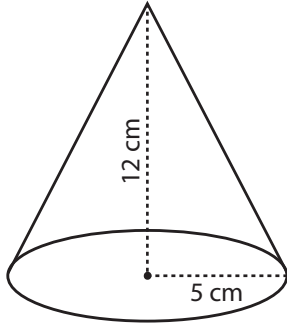
Name : \_\_\_\_\_

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

**Answer Key**

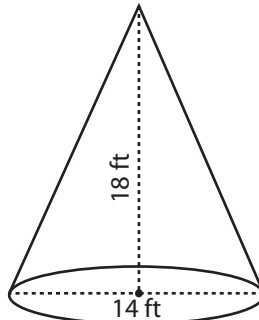
Find the exact volume of each cone.

1)



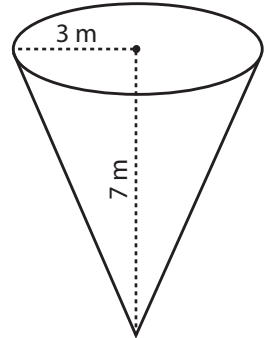
Volume =  $100\pi \text{ cm}^3$

2)



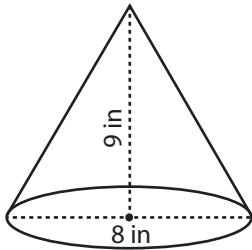
Volume =  $294\pi \text{ ft}^3$

3)



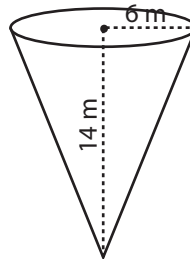
Volume =  $21\pi \text{ m}^3$

4)



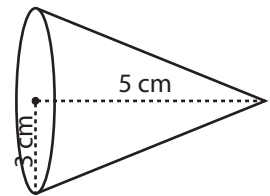
Volume =  $48\pi \text{ in}^3$

5)



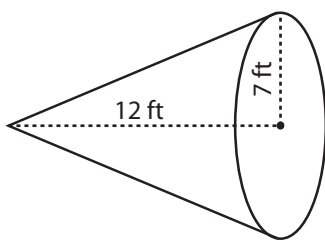
Volume =  $168\pi \text{ m}^3$

6)



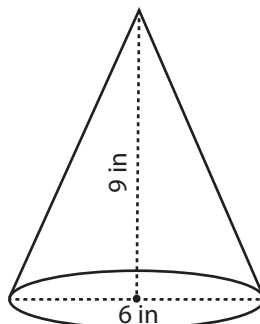
Volume =  $15\pi \text{ cm}^3$

7)



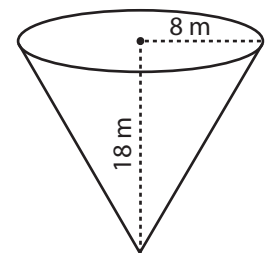
Volume =  $196\pi \text{ ft}^3$

8)



Volume =  $27\pi \text{ in}^3$

9)



Volume =  $384\pi \text{ m}^3$

10) A party hat has a diameter of 18 centimeter and a height of 25 centimeter. Find the volume of air it can occupy.

Volume =  $675\pi \text{ cm}^3$