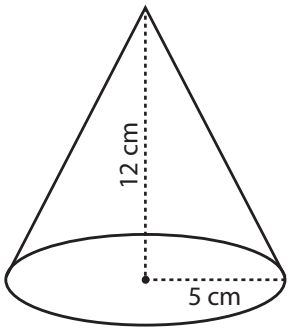
Name : _____ Score : _____

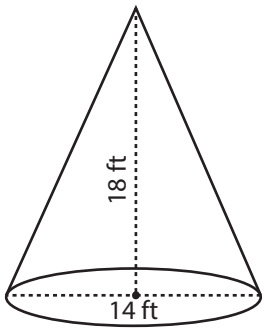
ES1

Volume - Cone

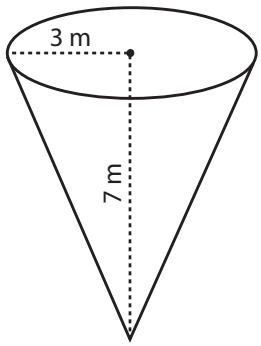
Find the exact volume of each cone.

1) 

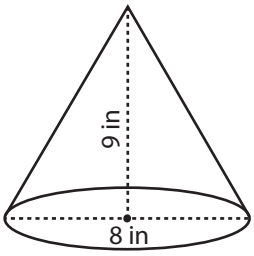
Volume = _____

2) 

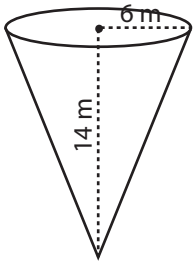
Volume = _____

3) 

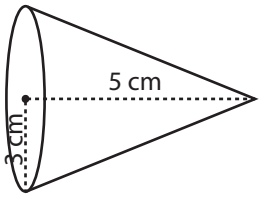
Volume = _____

4) 

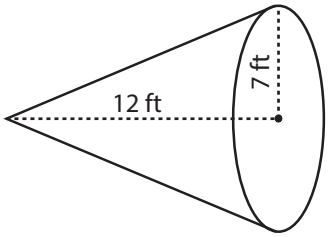
Volume = _____

5) 

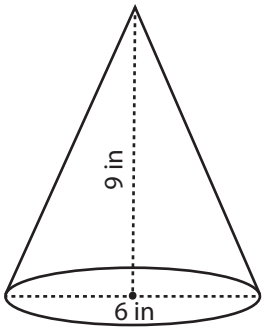
Volume = _____

6) 

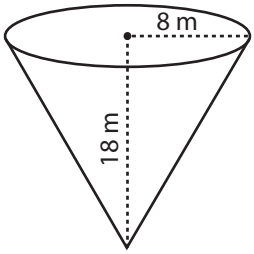
Volume = _____

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.

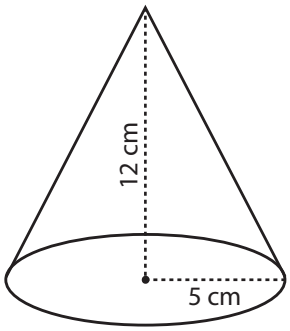
Volume = _____

Name : _____ **Answer Key** Score : _____

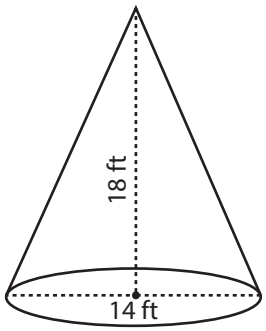
ES1

Volume - Cone

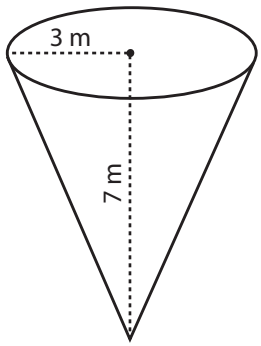
Find the exact volume of each cone.

1) 

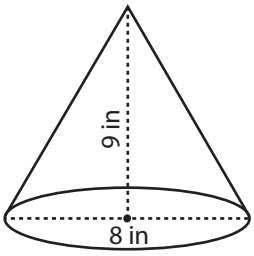
Volume = **100π cm³**

2) 

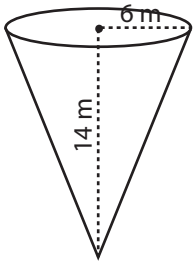
Volume = **294π ft³**

3) 

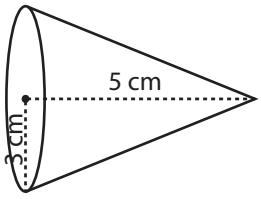
Volume = **21π m³**

4) 

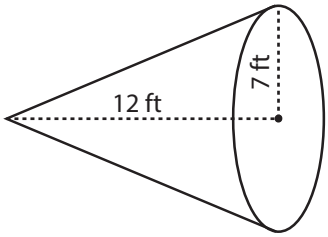
Volume = **48π in³**

5) 

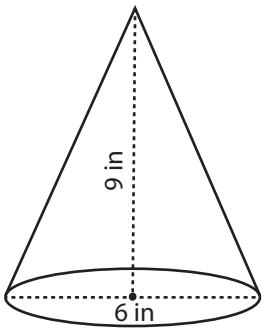
Volume = **168π m³**

6) 

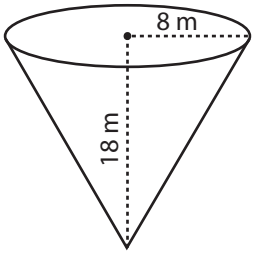
Volume = **15π cm³**

7) 

Volume = **196π ft³**

8) 

Volume = **27π in³**

9) 

Volume = **384π m³**

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 = **675π cm³**

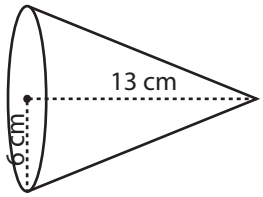
Name : _____ Score : _____

ES2

Volume - Cone

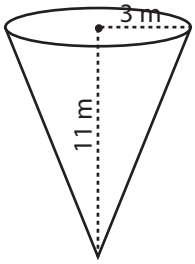
Find the exact volume of each cone.

1)



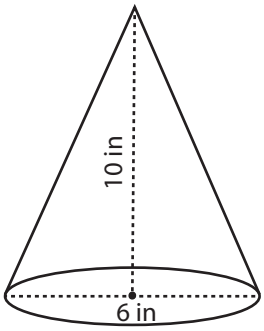
Volume = _____

2)



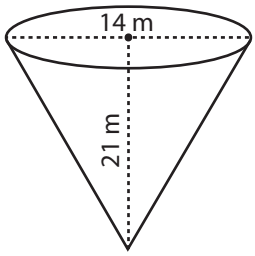
Volume = _____

3)



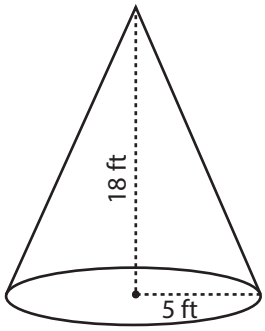
Volume = _____

4)



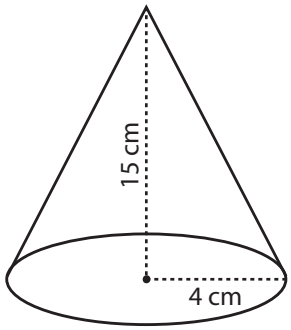
Volume = _____

5)



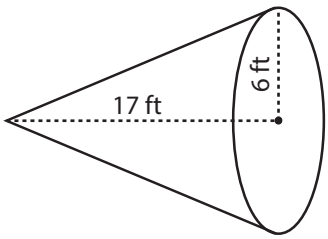
Volume = _____

6)



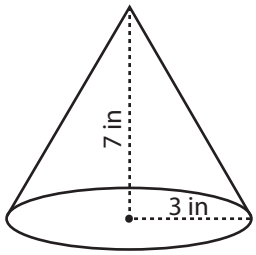
Volume = _____

7)



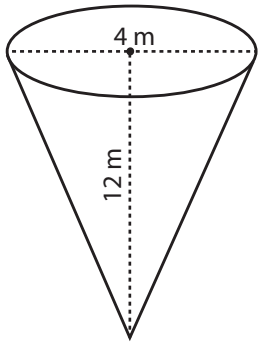
Volume = _____

8)



Volume = _____

9)



Volume = _____

10) An ice-cream cone has a radius of 3 centimeter and a height of 9 centimeter. Find the volume of the ice-cream cone.

Volume = _____

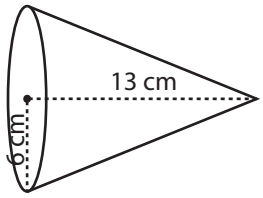
Name : _____ **Answer Key** Score : _____

ES2

Volume - Cone

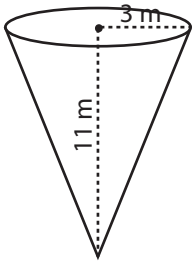
Find the exact volume of each cone.

1)



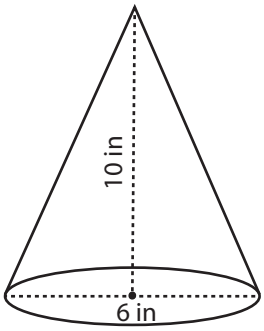
Volume = **156π cm³**

2)



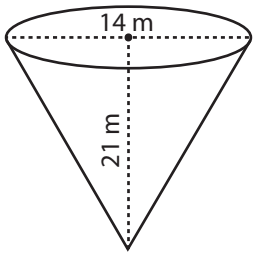
Volume = **33π m³**

3)



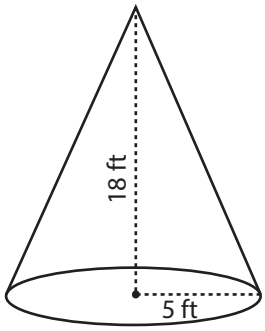
Volume = **30π in³**

4)



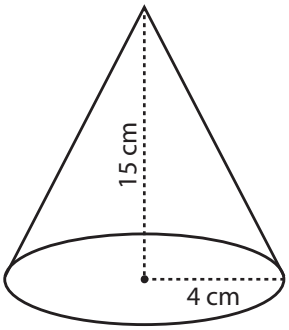
Volume = **343π m³**

5)



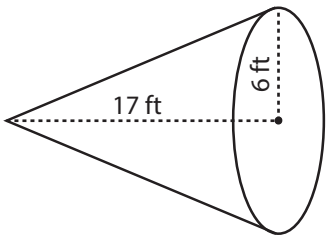
Volume = **150π ft³**

6)



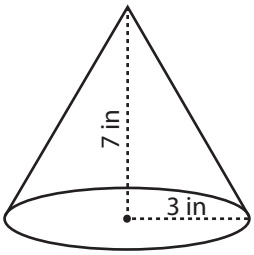
Volume = **80π cm³**

7)



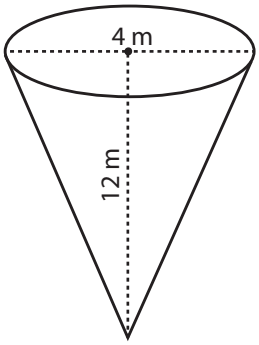
Volume = **204π ft³**

8)



Volume = **21π in³**

9)



Volume = **16π m³**

10) An ice-cream cone has a radius of 3 centimeter and a height of 9 centimeter. Find the volume of the ice-cream cone.

Volume = **27π cm³**

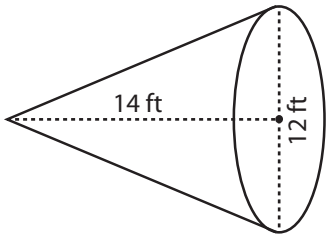
Name : _____ Score : _____

ES3

Volume - Cone

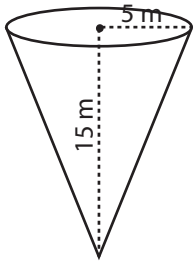
Find the exact volume of each cone.

1)



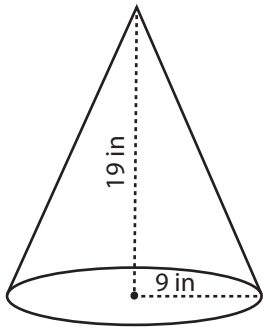
Volume = _____

2)



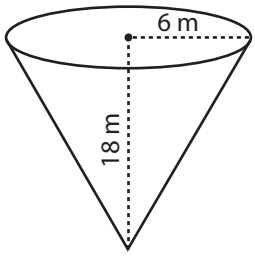
Volume = _____

3)



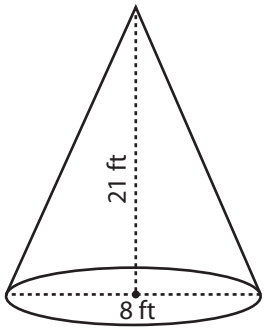
Volume = _____

4)



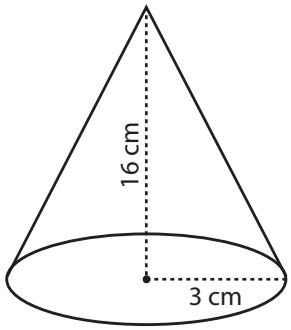
Volume = _____

5)



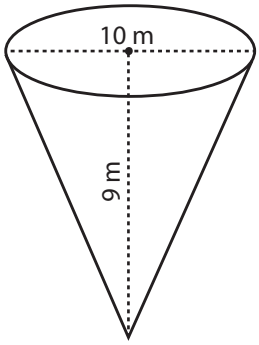
Volume = _____

6)



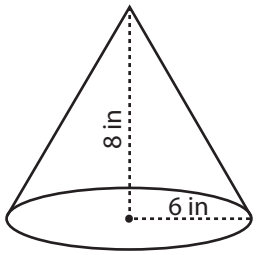
Volume = _____

7)



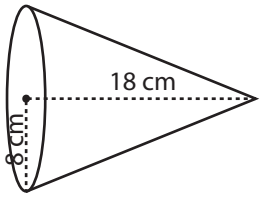
Volume = _____

8)



Volume = _____

9)



Volume = _____

10) A pop-corn holder in a conical shape has a diameter of 12 centimeter and a height of 15 centimeter. Find the volume of the holder.

Volume = _____

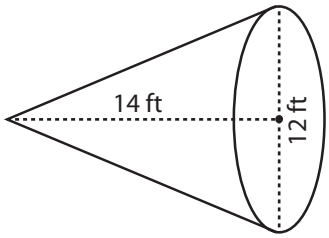
Name : _____ **Answer Key** Score : _____

ES3

Volume - Cone

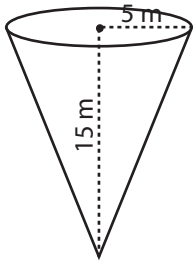
Find the exact volume of each cone.

1)



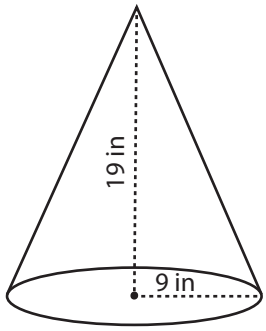
Volume = **168π ft³**

2)



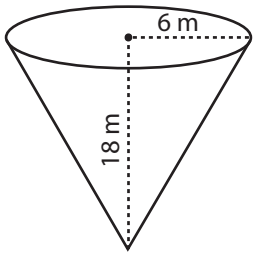
Volume = **125π m³**

3)



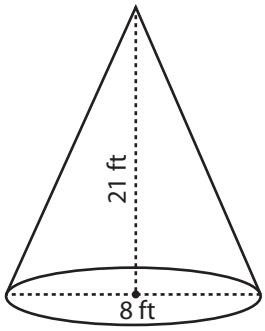
Volume = **513π in³**

4)



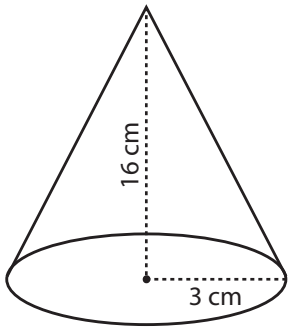
Volume = **216π m³**

5)



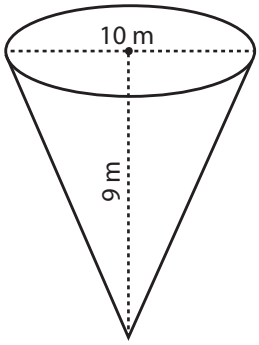
Volume = **112π ft³**

6)



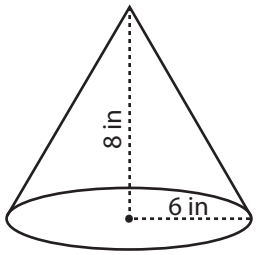
Volume = **48π cm³**

7)



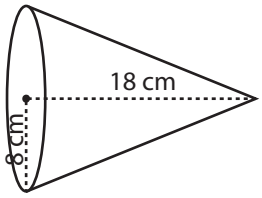
Volume = **75π m³**

8)



Volume = **96π in³**

9)



Volume = **384π cm³**

10) A pop-corn holder in a conical shape has a diameter of 12 centimeter and a height of 15 centimeter. Find the volume of the holder.

Volume = **180π cm³**