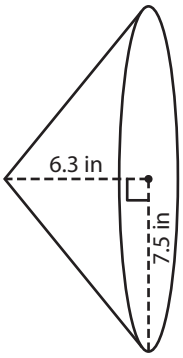
Name : _____

Volume - Cone

Decimals: ES1

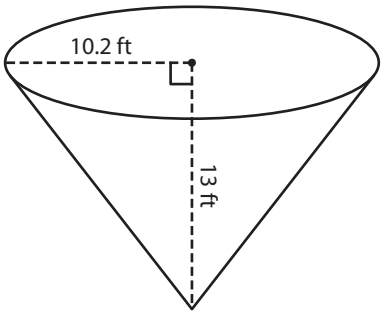
A) Find the volume of each cone. Round your answer to two decimal places. (use π = 3.14)

1)



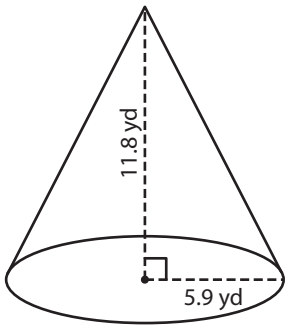
Volume = _____

2)



Volume = _____

3)



Volume = _____

B) Find the volume of each cone from the given parameters. Round your answer to two decimal places. (use π = 3.14)

4) radius = 18.4 in ; height = 22.7 in

Volume = _____

5) height = 9.1 ft ; radius = 3.8 ft

Volume = _____

6) height = 15.4 yd ; radius = 12.6 yd

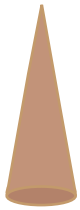
Volume = _____

7) radius = 4 in ; height = 16.2 in

Volume = _____

8) Sophia has brought a paper mache cone to make a doll. The cone has a height of 11 inches and radius of 3.5 inches. What is the volume of the cone? Round your answer to two decimal places. (use π = 3.14)

_____



Name : _____

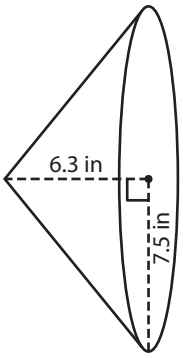
Answer key

Volume - Cone

Decimals: ES1

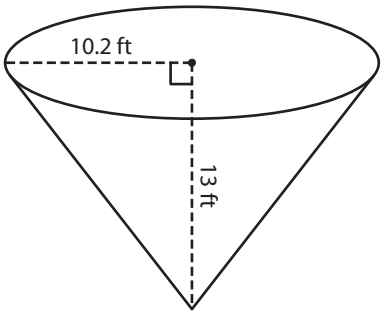
A) Find the volume of each cone. Round your answer to two decimal places. (use π = 3.14)

1)



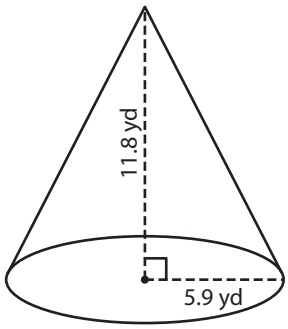
Volume = **370.91 in³**

2)



Volume = **1,415.64 ft³**

3)



Volume = **429.93 yd³**

B) Find the volume of each cone from the given parameters. Round your answer to two decimal places. (use π = 3.14)

4) radius = 18.4 in ; height = 22.7 in

Volume = **8,043.96 in³**

5) height = 9.1 ft ; radius = 3.8 ft

Volume = **137.54 ft³**

6) height = 15.4 yd ; radius = 12.6 yd

Volume = **2,559 yd³**

7) radius = 4 in ; height = 16.2 in

Volume = **271.3 in³**

8) Sophia has brought a paper mache cone to make a doll. The cone has a height of 11 inches and radius of 3.5 inches. What is the volume of the cone? Round your answer to two decimal places. (use π = 3.14)

141.04 cubic inches