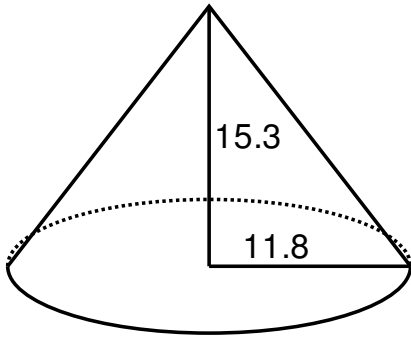


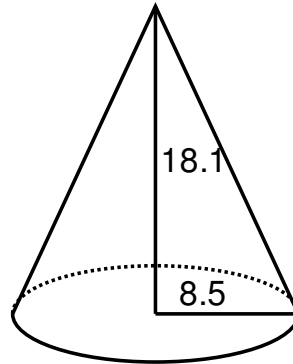
Volume of a Cone

Find the Volume of each cone.

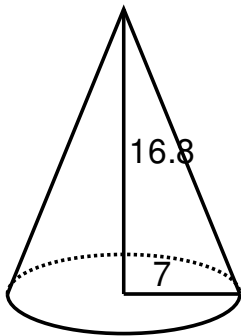
1)



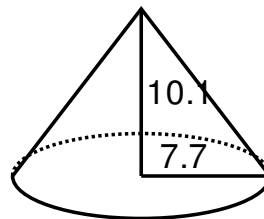
2)



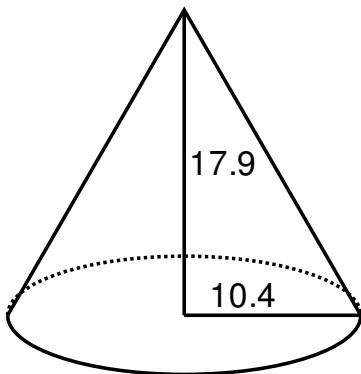
3)



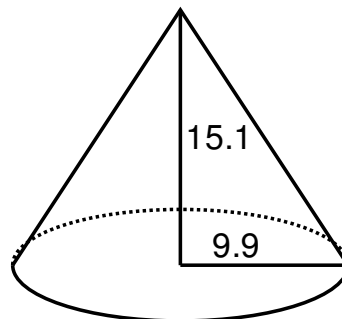
4)



5)



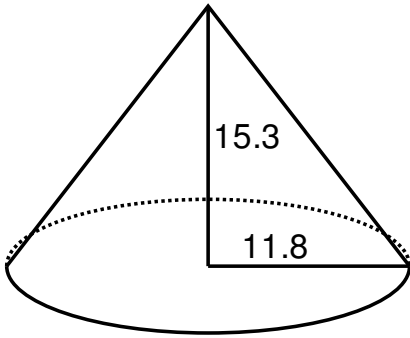
6)



Volume of a Cone

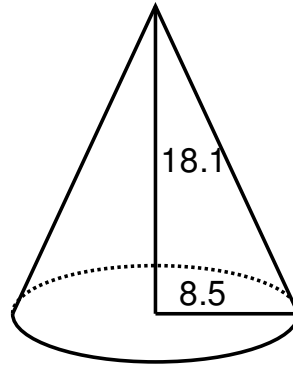
Find the Volume of each cone.

1)



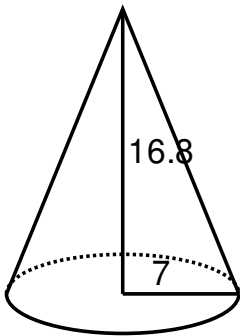
Answer: 2,229.79

2)



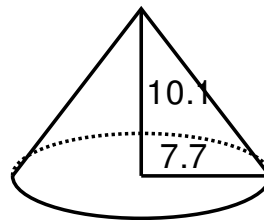
Answer: 1,368.75

3)



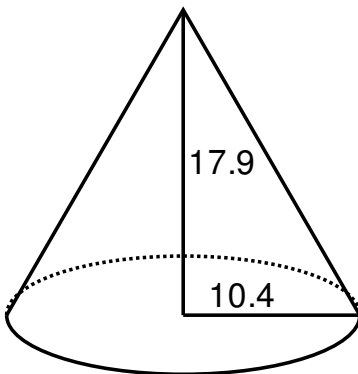
Answer: 861.62

4)



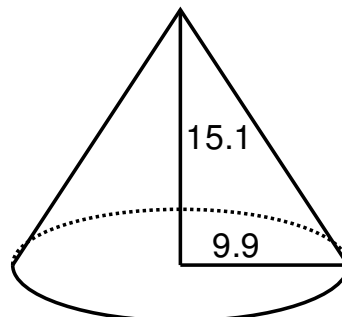
Answer: 626.77

5)



Answer: 2,026.41

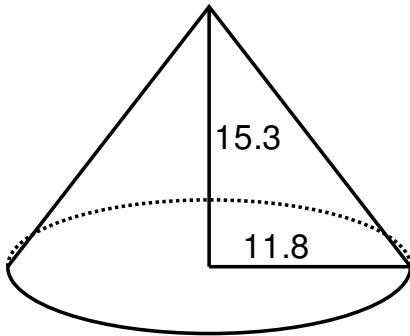
6)



Answer: 1,549.02

Solution Steps

1)



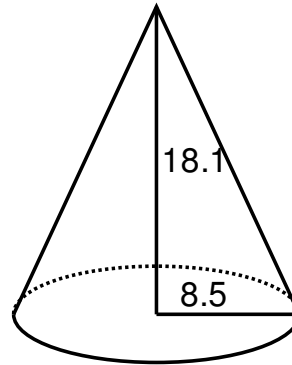
$$\text{Volume} = \frac{1}{3} * \pi * (\text{Radius})^2 * \text{Height}$$

$$\text{Volume} = \frac{1}{3} * \pi * (11.8)^2 * 15.3$$

$$\text{Volume} = \frac{1}{3} * \pi * 139.24 * 15.3$$

$$\text{Volume} = 2,229.79$$

2)



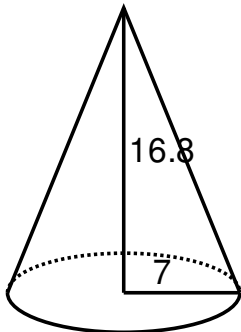
$$\text{Volume} = \frac{1}{3} * \pi * (\text{Radius})^2 * \text{Height}$$

$$\text{Volume} = \frac{1}{3} * \pi * (8.5)^2 * 18.1$$

$$\text{Volume} = \frac{1}{3} * \pi * 72.25 * 18.1$$

$$\text{Volume} = 1,368.75$$

3)



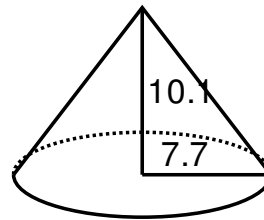
$$\text{Volume} = \frac{1}{3} * \pi * (\text{Radius})^2 * \text{Height}$$

$$\text{Volume} = \frac{1}{3} * \pi * 7^2 * 16.8$$

$$\text{Volume} = \frac{1}{3} * \pi * 49 * 16.8$$

$$\text{Volume} = 861.62$$

4)



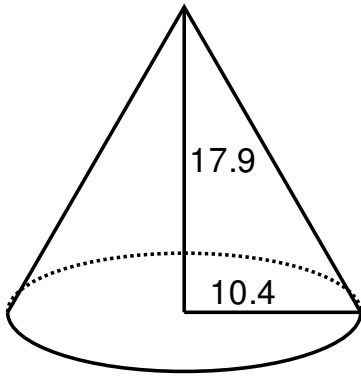
$$\text{Volume} = \frac{1}{3} * \pi * (\text{Radius})^2 * \text{Height}$$

$$\text{Volume} = \frac{1}{3} * \pi * (7.7)^2 * 10.1$$

$$\text{Volume} = \frac{1}{3} * \pi * 59.29 * 10.1$$

$$\text{Volume} = 626.77$$

5)



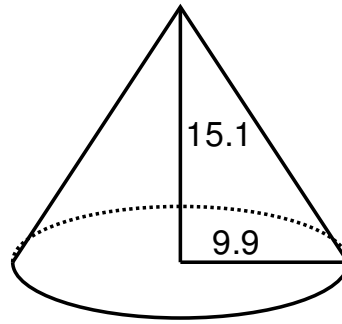
$$\text{Volume} = \frac{1}{3} * \pi * (\text{Radius})^2 * \text{Height}$$

$$\text{Volume} = \frac{1}{3} * \pi * (10.4)^2 * 17.9$$

$$\text{Volume} = \frac{1}{3} * \pi * 108.16 * 17.9$$

$$\text{Volume} = 2,026.41$$

6)



$$\text{Volume} = \frac{1}{3} * \pi * (\text{Radius})^2 * \text{Height}$$

$$\text{Volume} = \frac{1}{3} * \pi * (9.9)^2 * 15.1$$

$$\text{Volume} = \frac{1}{3} * \pi * 98.01 * 15.1$$

$$\text{Volume} = 1,549.02$$