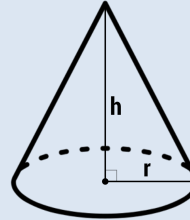Name: _____

Finding the Volume of a Cone

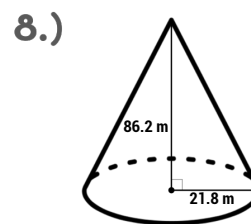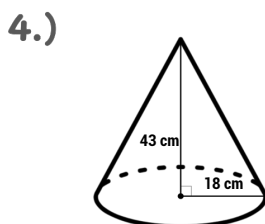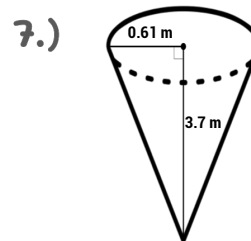**Volume of a Cone Formula**
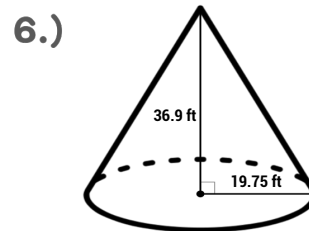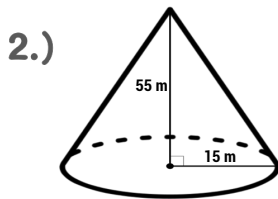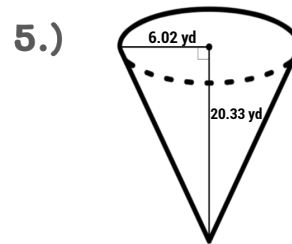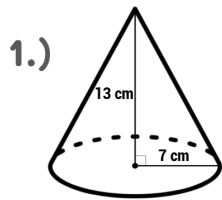
$$V = \pi r^2 \frac{h}{3}$$

Where **r** is the radius of the base and **h** is the height.

Directions: Find the volume of each cone and round your answer to the nearest tenth.

1.)

13 cm
7 cm

2.)

55 m
15 m

3.)

8.8 in
5.3 in

4.)

43 cm
18 cm

5.)

6.02 yd
20.33 yd

6.)

36.9 ft
19.75 ft

7.)

0.61 m
3.7 m

8.)

86.2 m
21.8 m
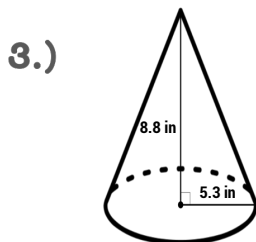
1.) $V = 667.1 \text{ cm}^3$
2.) $V = 12,959.1 \text{ m}^3$
3.) $V = 258.9 \text{ in}^3$
4.) $V = 14,589.6 \text{ cm}^3$
5.) $V = 771.5 \text{ yd}^3$
6.) $V = 15,072.6 \text{ ft}^3$
7.) $V = 1.44 \text{ m}^3$
8.) $V = 42,899.2 \text{ m}^3$