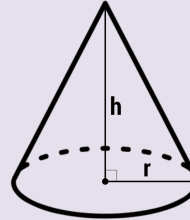Name: _____

Finding the Volume of a Cone

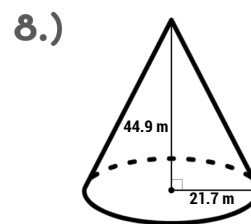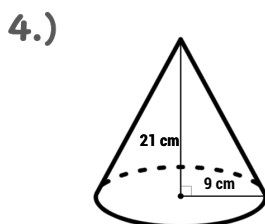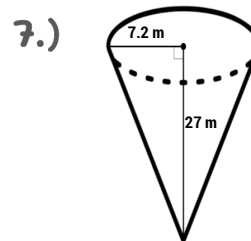**Volume of a Cone Formula**
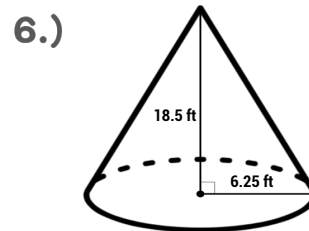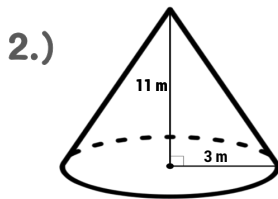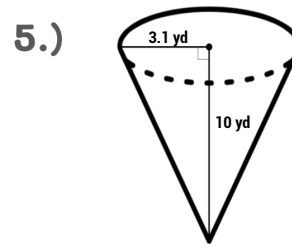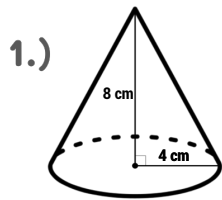
$$V = \pi r^2 \frac{h}{3}$$

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.)

8 cm

4 cm

2.)

11 m

3 m

3.)

14 in

5 in

4.)

21 cm

9 cm

5.)

3.1 yd

10 yd

6.)

18.5 ft

6.25 ft

7.)

7.2 m

27 m

8.)

44.9 m

21.7 m
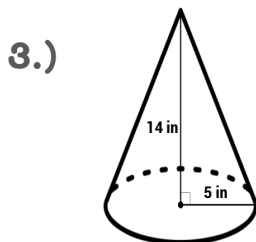
1.) $V = 134.0 \text{ cm}^3$
2.) $V = 103.4 \text{ m}^3$
3.) $V = 366.5 \text{ in}^3$
4.) $V = 1,781.3 \text{ cm}^3$
5.) $V = 100.6 \text{ yd}^3$
6.) $V = 756.8 \text{ ft}^3$
7.) $V = 1,465.7 \text{ m}^3$
8.) $V = 22,140.9 \text{ m}^3$