

Name: _____

Lesson Guide

This lesson guide accompanies the following video lesson:

$$V = \pi r^2 \frac{h}{3}$$

Practice Finding the Volume of a Cone

► Practice Problem:

A parking cone has a radius of 6.2 inches and a height of 18.3 inches.

What is the volume, to the nearest tenth of a cubic inch, of the cone?



My Answer: _____

► Your Turn!

A cone-shaped paper cup has a radius of 6.5 cm and a height of 11.6 cm.

What is the volume, to the nearest tenth of a cubic cm, of the cup?



My Answer: _____

Answer Key

- 1.) 736.7 cubic inches
- 2.) 513.2 cubic cm