12.5 Volumes of Pyramids and Cones

- Pyramid:
- Volume:


EXAMPLE $]$ Volume of a Pyramid
Find the volume of the square pyramid.

$$
\frac{1}{3}\left(\frac{\left.9^{i v}\right)^{i v i r}}{21 i^{3}}\right.
$$



- Cone:
- Volume:

$$
V=\frac{1}{3} \pi r^{2} \cdot h
$$



Find the volume of the cones to the nearest tenth.


SCULPTURE At the top of a stone tower is a pyramidion in the shape of a square pyramid. This pyramid has a height of 52.5 centimeters and the base edges are 36 centimeters. What is the volume of the pyramidion? Round to the nearest tenth.


