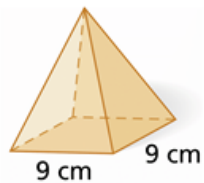


## Geometry: 10-7 Notes

### Formula for Volume of a Pyramid/Cone:

#### Examples:

1. Find the volume of a rectangular pyramid with length 11 m, width 18 m, and height 23 m. First draw a picture.



2. Find the volume of the square pyramid with edge length 9cm and height 14 cm.

3. Find the volume of a cone with radius 16 cm and slant height 34 cm. Give your answer in terms of  $\pi$ . First draw a diagram.

4. Find the volume of a cone with base circumference  $25\pi$  in. and a height 2 in. more than twice the radius. Draw a diagram.

5. Find the volume of the composite figure. Leave  $\pi$  in your answer.

