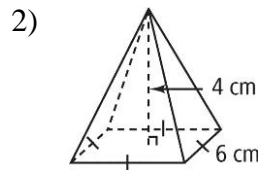
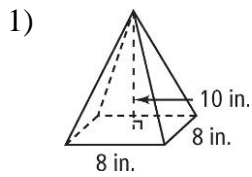
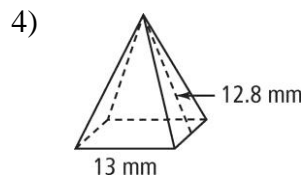
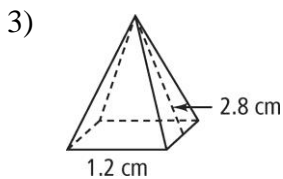


11.5 – Volume of Pyramids and Cones

Find the volume of each square pyramid. Round to the nearest tenth if necessary. Round to the nearest 0.1 if necessary.



Find the volume of each square pyramid, given its slant height. Round to the nearest tenth.

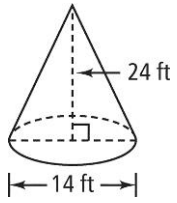


5) The base of a pyramid is a square, 4.5 cm on a side. The height is 5 cm. Find the volume.

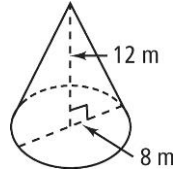
6) The base of a pyramid is a square, 3.2 cm on a side. The height is 10 cm. Find the volume to the nearest tenth.

Find the volume of each cone in terms of π . Round to the nearest tenth

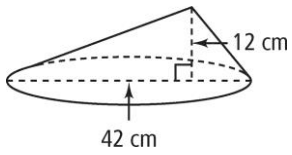
7)



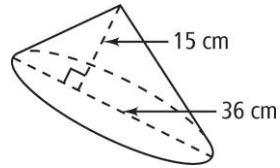
8)



9)

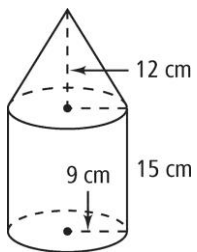


10)

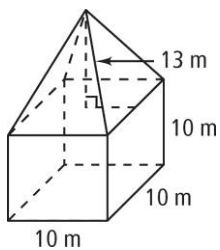


Find the volume of each composite figure to the nearest whole tenth.

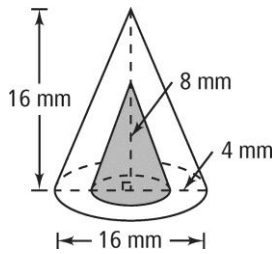
11)



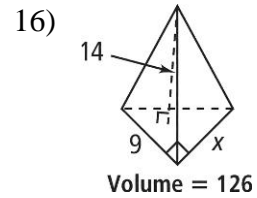
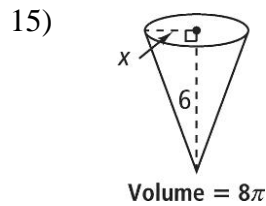
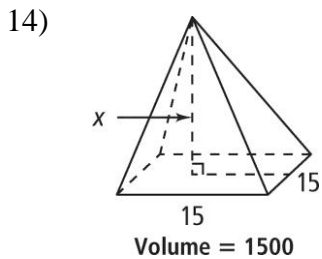
12)



- 13) Find the volume when the smaller cone is removed from the bigger cone.



Find the value of x to the nearest tenth.



- 17) One right circular cone is set inside a larger right circular cone. The cones share the same axis, the same vertex, and the same height. Find the volume of the space between the cones if the diameter of the inside cone is 6 in., the diameter of the outside cone is 9 in., and the height of both is 5 in. Round to the nearest tenth.