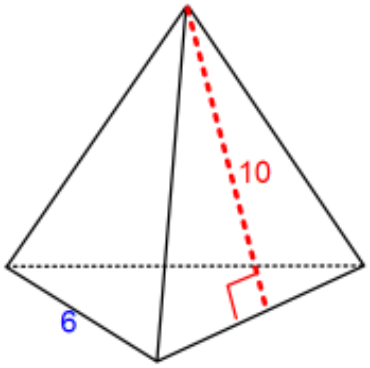
Geo Practice #26 Sec 11-3 & 11-4 Tue to Fri, May 26 to 29, 2020

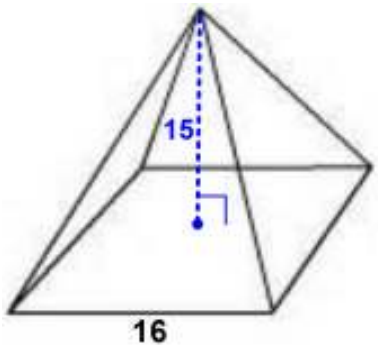
Round answers to the nearest hundredth unless noted otherwise.

1. Find the SA of this Pyramid whose Base is an Equilateral Triangle.



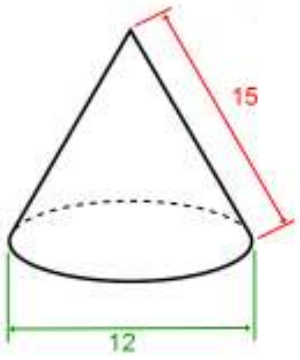
SA =

2. Find the SA of this Square Pyramid.



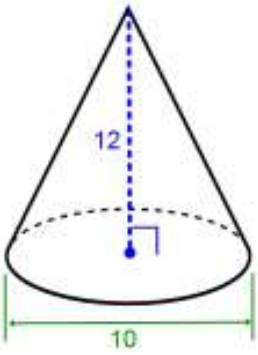
SA =

3. Find the Surface Area of this Cone. Round to nearest hundredth.



SA =

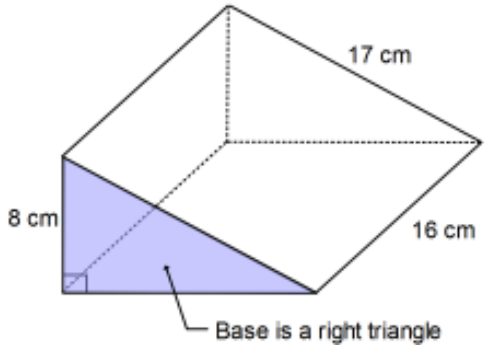
4. Find the Surface Area of this Cone. Leave this answer in terms of π.



SA =

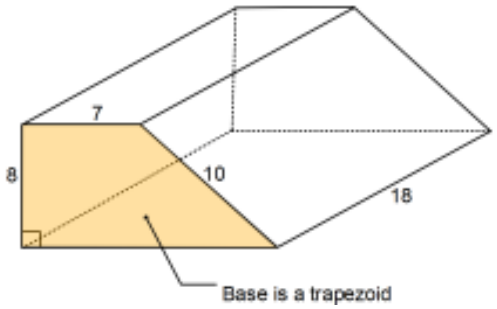
For 5 and 6 find the volume of each prism with indicated base to the nearest hundredth.

5. Find the volume of this right triangular prism.



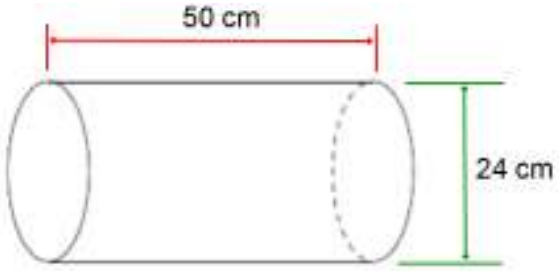
Vol =

6. Find the volume of this trapezoidal prism.



Vol =

7. Find the volume of this Cylinder. Give answer in terms of π.



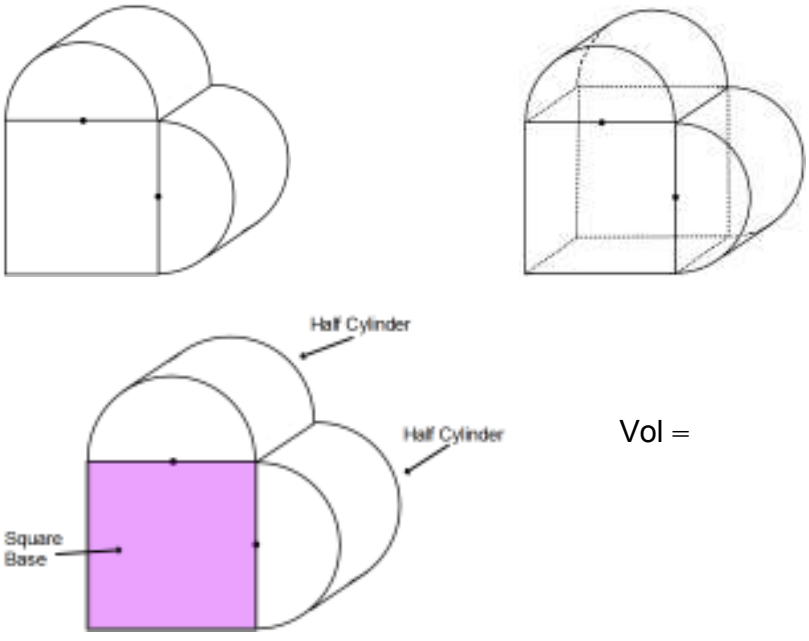
Vol =

8. The Volume of a cylinder is 1200 in^2. Find the height of the cylinder if the diameter of the Base = 8 in. Round to the nearest hundredth.

Height =

9. Find the volume of this Composite figure to the nearest hundredth. The base is a square whose edges are 10 in long. The distance between the two square bases is 6 in.

Here are three representations of this Composite figure. The first one doesn't show any of the hidden lines. The second one shows all hidden lines as dashed lines. The third one has the Base highlighted and identifies the other parts.



Vol =