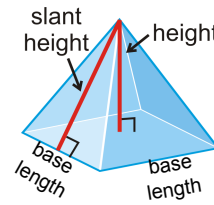


Volume of Square Pyramids

Important Measurements to find Volume

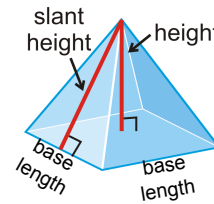


Reviewing volume of prisms:
(area of the base) X (height)

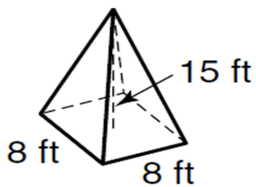
The square pyramid is similar:
(area of the base) X (height) X 1/3

Why 1/3?
<https://www.youtube.com/watch?v=OUDjY6vJ8pw>

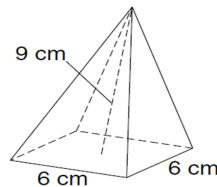
$$\text{Volume} = (1/3)b^2h \quad \text{OR} \quad \text{Volume} = \frac{b^2h}{3}$$



Calculate the volume of the square pyramid.

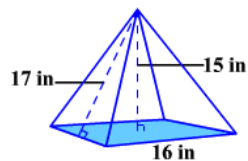


Calculate the volume of the square pyramid.

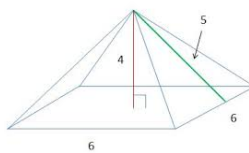


Notes - Volume of Square Pyramids.notebook

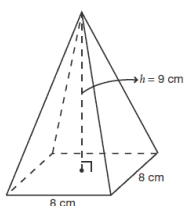
Calculate the volume of the square pyramid.



Calculate the volume of the square pyramid.



Find the length of the base of the square pyramid if the volume is 192 cubic centimeters.



Find the height of the square pyramid if the volume is 576 cubic meters.

