

VOLUME AND TOTAL SURFACE AREA OF PYRAMIDS & CONES

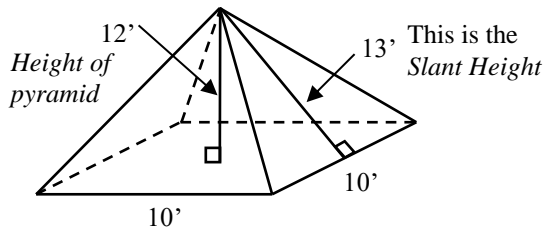
A pyramid has a single _____, and three or more _____ faces that meet at a single point called the apex. A cone, has a _____ base, and can be thought of to have an _____ number of triangular faces meeting at the apex.

TSA: TSA is found the same way as prisms, as it is the sum of the areas of all of the faces.

Volume: The volume of a pyramid is _____ the volume of a prism with a congruent base and height.

V =

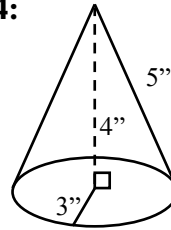
Example 3: (Square Pyramid)



V =

TSA =

Example 4:



V =

****We are not going to worry about the TSA of cones at this point!!!**