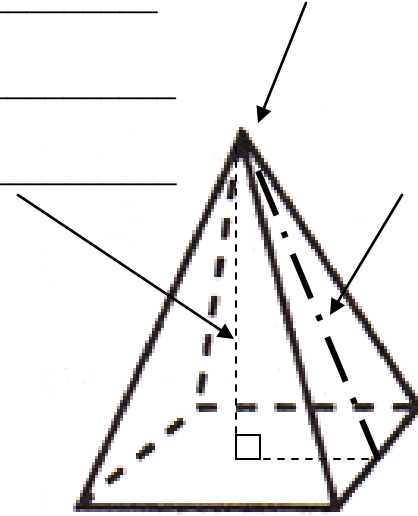


11-3 NOTES: Surface Area of Pyramids and Cones Name: _____

A **pyramid** is a _____

The perpendicular distance from the base to the vertex is the **height (altitude)**.

The **slant height, l** , is the height of each triangular face.



How can we figure out the total SURFACE AREA??

Ideas?

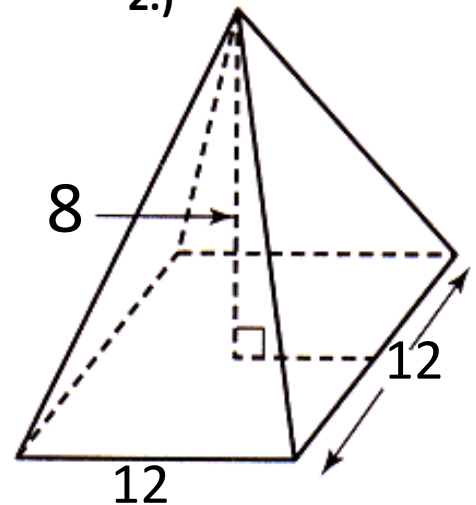
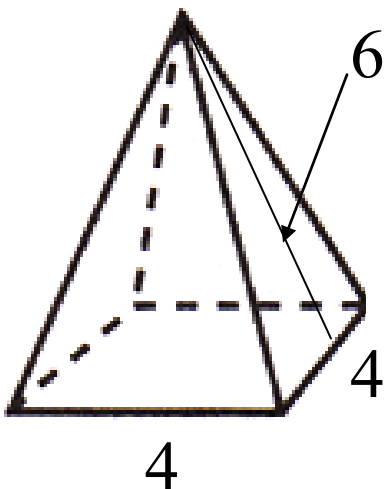
FORMULA SA of PYRAMID:

* May need Pythagoras to find slant height: $\text{leg}^2 + \text{leg}^2 = \text{hypotenuse}^2$

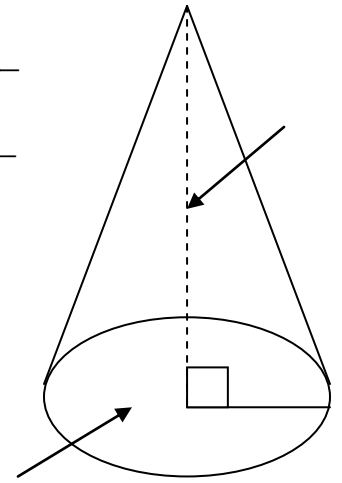
1.)

Y'ALL TRY

2.)



A **cone** is _____



Remember: for a circle, the “perimeter” is called the Circumference, $C = 2\pi r$

How can we figure out the total SURFACE AREA??

Ideas?

FORMULA SA of CONE:

3.)

Y'ALL TRY

4.)

