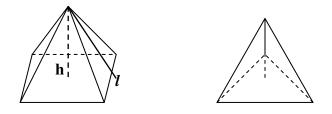
Notes for Lesson 12-2: Surface Area and Volume of Pyramids A regular pyramid has several important features:

1) a regular polygon for the base

2) all lateral faces are isosceles triangles

3) the slant height (1) is the height of each triangular face

4) the altitude of the pyramid meets the base at its center



The **lateral area** of a regular pyramid is LA = nF where n = the number of faces and F = area of one face

The **total area** of a regular pyramid is TA = LA + B where B = the area of the base

The volume of a regular pyramid is V = $\frac{1}{3}$ Bh

Examples: Find the LA, TA, and V of each.

