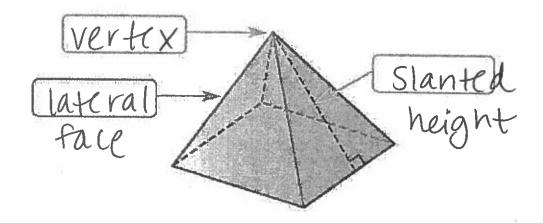


Vocabulary Start-Up



A pyramid is a three-dimensional figure with at least three triangular sides that meet at a common vertex and only one base that is a polygon. The triangular sides of a square pyramid are called the lateral faces. The slant height is the height of each lateral face.

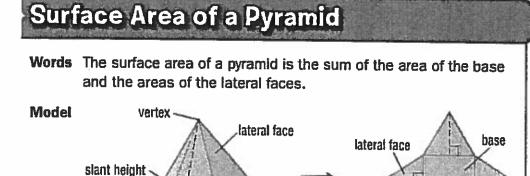
Fill in the blanks on the diagram below with vocabulary words.



Key Concepts: Surface Area of Pyramid

The surface area of a pyramid is the sum of the areas of the faces and the base.

*HINT: Find the area of each side, and then add them all up together.



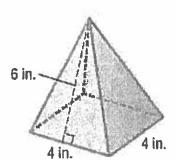
slant height

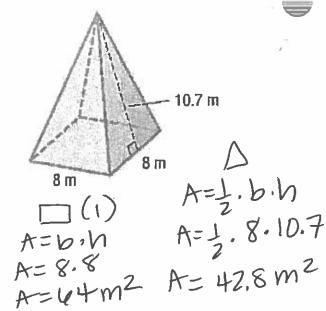
Key

10.5 Surface Area of Pyramids (6.G.4)

Guided Practice:

Find the surface area of each pyramid.





3.) Pyramid-shaped gift boxes have square bases that measure 5 inches on each side.

The height is 6.5 inches. How much cardboard is used on each box?

SA = 25 + 16.25 + 16.25 + 16.25 + 16.25 | SA = 90 in 2

Building on the Essential Question - How do you use the area of a triangle to find the surface area of a triangular pyramid?

A triangle pyramid inclused one triangle base and three triangle lateral faces.

Rate	Yourse	lf -
------	--------	------

__ I understand surface area of pyramids.

_____ I still have questions about surface area of pyramids.