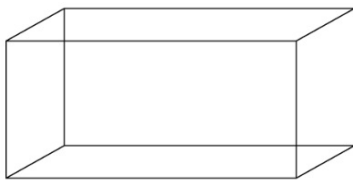
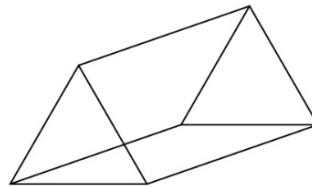


Representing and finding surface area

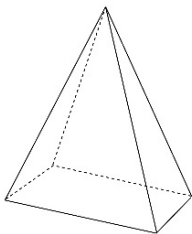
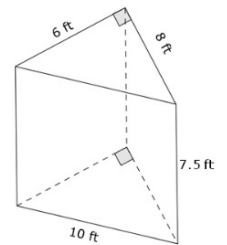
Connect



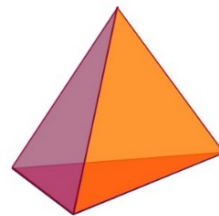
rectangular prism



triangular prism



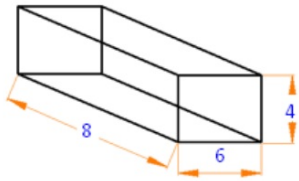
rectangular pyramid



triangular pyramid

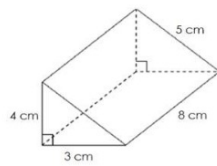
I do

The rectangular prism below is going to be painted red for part of a craft project. How many square inches of red paint will be needed to cover it?



I do

Beyond Boxes is considering adding a box in the shape of a triangular prism shown below.

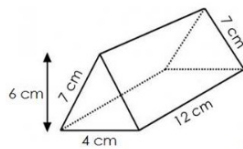


Part A: Create a possible net that Beyond Boxes could use for the triangular prism shown above. Label the side lengths.

Part B: How much cardboard will be needed to make this design? Show your work.

We do

Stephanie wants to cover the triangular prism below with scrapbooking paper.



Part A: Stephanie needs to identify the various shapes that she will need to cut out to represent the face of each side of the figure. Sketch each unique face below. Label the side lengths.

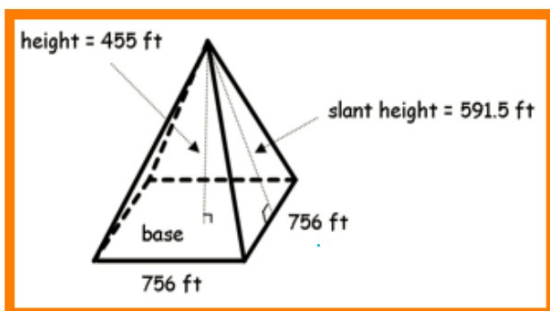
Part B: What is the area of each figure drawn above? Show your work.

Part C: If Stephanie has 225 cm^2 of scrapbooking paper, will she have enough to cover the entire figure? Explain

You do together on whiteboard

A model of one of the giant Egyptian pyramids is below.

- a) Draw the "net" of the pyramid
- b) find the surface area



You do alone on index card

This rectangular prism is being painted purple as part of a model that is being built.

- a) Draw the "net" of the prism
- b) find the amount of paint that will be needed to cover the surface area

