

## SURFACE AREA OF PRISMS AND PYRAMIDS

A) What is Area?

-a measure of the number of square units to cover a region.

Ex:

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-look at the formula sheet! The formulas on pg 2 are for 2-D shapes. What about 3-D shapes?

B) What is surface area?

-area for 3-D shapes.

-Activity:

- 1) Each group of 4 has a 3-D shape.
- 2) Measure each side of the shape, and find the area of each side
- 3) Add up the areas of each side of your shape = surface area
- 4) Go to another group, and repeat steps 1-3. Go to another group and find the surface area again, until you have a total of 4 shapes.
- 5) Go to the board, name the shapes, draw a picture of it, and write down the steps on how you found the surface area of your shapes.

C) Other vocabulary:

Prism:

Right Prism:

Pyramid: