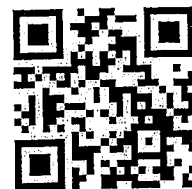


Name \_\_\_\_\_ Date \_\_\_\_\_

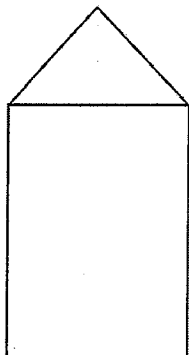
Surface Area of Prisms – Guided Notes  
[http://youtu.be/- DO8A\\_gp28](http://youtu.be/-DO8A_gp28)



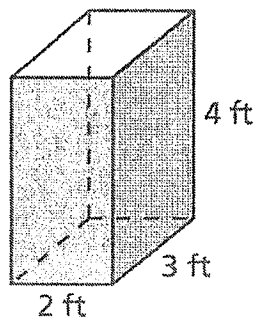
- A prism is a 3 dimensional shape in which the following characteristics are true:
  - The top and bottom (known as the \_\_\_\_\_)  
are \_\_\_\_\_.
  - The remaining sides (known as the \_\_\_\_\_)  
are all \_\_\_\_\_.
- If the base of the prism is a triangle, the name of the solid is a \_\_\_\_\_.
- If the base of the prism is a square or rectangle, the name of the solid is a \_\_\_\_\_.
- The surface area of a shape is the \_\_\_\_\_ of the areas of the \_\_\_\_\_.
- Sometimes, a \_\_\_\_\_ is used to help find the surface area of a shape.
- The formula for the surface area of a rectangular prism is \_\_\_\_\_.
- Most prisms don't have a formula to calculate the surface area, so using a net to \_\_\_\_\_  
all areas of the faces will likely be the best method.
- Don't forget \_\_\_\_\_ in your answer (it will always be \_\_\_\_\_).
- Finding surface areas can be confusing. Ensure that all work is \_\_\_\_\_, so you  
(and your teacher) can follow along.

Guided Examples

1. Draw the net of the following prism. Be sure to label each of the faces.



2. Find the surface area of the following rectangular prism.



3. Find the surface area of the following prism.

