**Formula Discussion:**

Use the formulas on the GED formula sheet.

1. Write the formulas for each figure.
2. Label the variables for each formula.
3. Describe “B”, using the help of a net, for each formula. Describe “h” in the rectangular and triangular prism formulas, using the help of a net.

Fill in the chart:

|  |  |  |  |
| --- | --- | --- | --- |
| Figure | Volume Formula | Name each variable | A net of the figure may be helpful in describing some of the pieces of the formula |
| Rectangular Prism | V= | V=B=h= |  |
| Right Prism | V= | V=B=h= |  |
| Pyramid | V= | V=B=h= |  |

How are area and volume similar? How are they different?

Why is the height necessary when calculating the volume of an object?