**Math 8: Volume**

**Section 7.2 (continued)**

Remember that the general formula for the volume of a prism is:

Since a triangular prism has bases that are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, the area of the base is given by \_\_\_\_\_\_\_\_\_\_\_\_. This does cause some confusion because we now have two \_\_\_\_\_\_\_. The volume of a triangular is given by the formula:

Example 1: What is the volume of a triangular prism were the triangular base has height 3 cm and base 4 cm and the height of the prism is 6 cm?

Example 2: What is the volume of the contents of a triangular prism with a triangular base with height 50 cm, and base 1.5 m and a prism height of 2 m if it is ¼ full?

* Homework:
  + Pg 258 # 7, 8, 9 c, 10 c, 12, 14 -19