Cereal Box Project

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Due: 4/18/19

Directions: Do the following work on a separate sheet of paper. You will be graded on completion and effort. This should NOT be done in one night.

1. Find a cereal box in your house (or another breakfast food item box like pancake mix, granola bars, etc.) and measure the length, width and height of the box in centimeter or inches. Then find the volume of the box using BOTH the l x w x h and b x h formulas.

\*\*\*\* Don’t forget your units!!

1. Design a cereal box that would be 3 times the volume of original cereal box. Draw the cereal box on a separate sheet of paper, label the dimensions and explain how you found your answer. (Make sure you come up with a creative name and use color!)
2. If I wanted to fit 3 of the original cereal boxes (problem 1) and 2 of the bigger boxes (problem 2), NEATLY (meaning no gaps) into a plastic container, what would the dimensions of that container have to be? Show your work