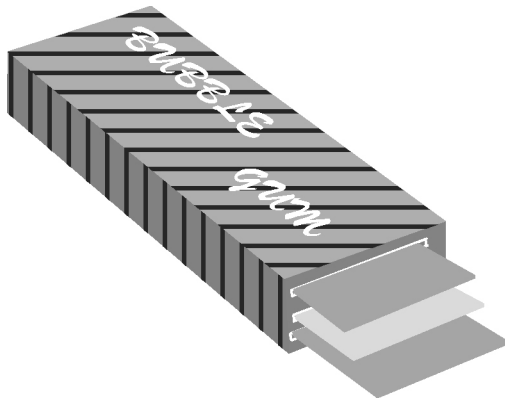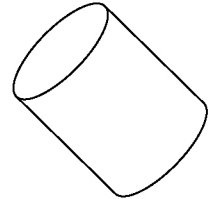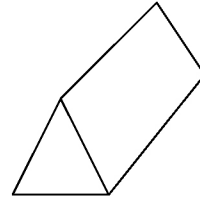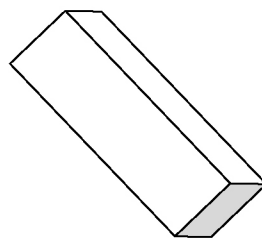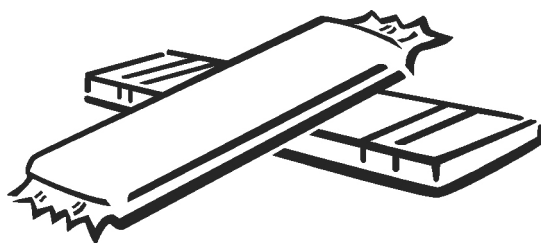Name: _____   Date: _____

Design a Candy Box

When companies design a new product, they need to consider how they will package that product.

Be the product and package designer! Your company is designing a new candy product. There are three options for the shape of the candy and package:
• rectangular prism
• triangular prism
• cylinder

Your directions are to stack the candies together inside a small box that is the shape of the candy stack. The package will have a label that can be wrapped around the sides, but not the ends.

The package can be no more than 2 cm across.

1. a) Design a shape for your candy and for your package.
   b) For the package, draw
     • a three-dimensional view that includes front, side, and top views
     • a net
     Label all dimensions.
   c) Show how the candy will fit in the package.

2. For your package, calculate
   • the surface area of the package material
   • the area of the label portion of the package

3. Give two reasons for recommending the package design you have developed.