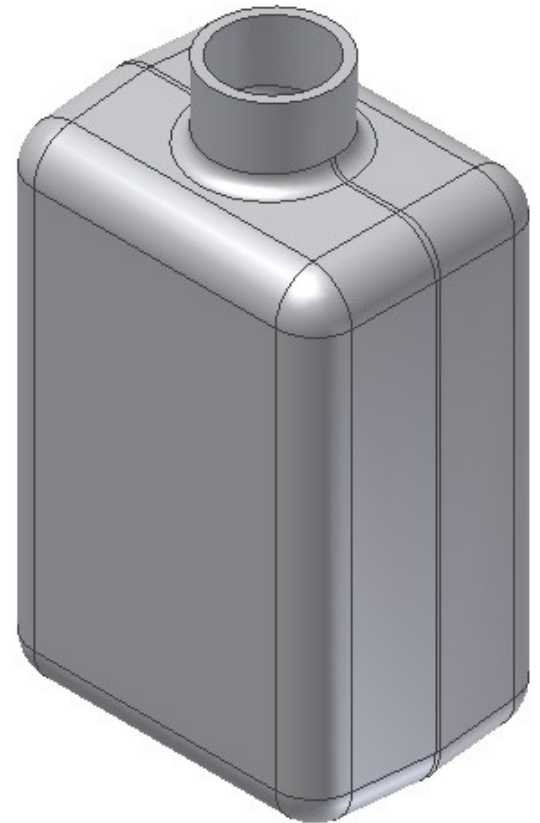# Day 3 Introduction to 3D Parametric Modeling
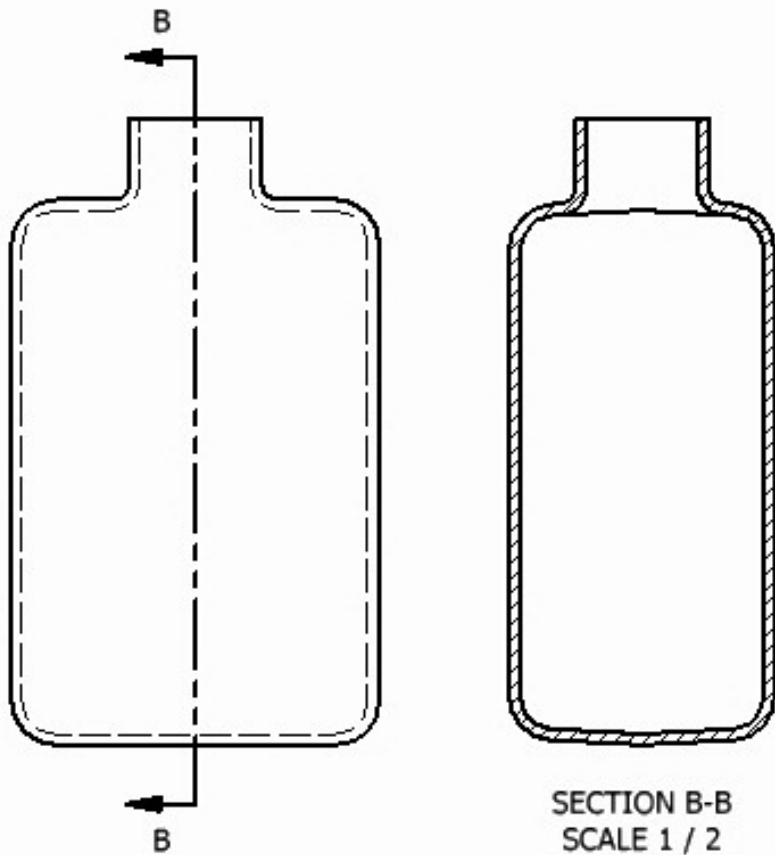
We will be creating the following model
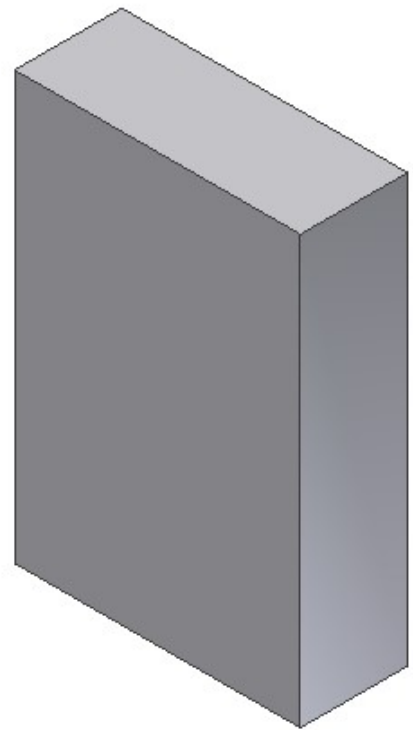
Blow Molded
Bottle

B

B

SECTION B-B
SCALE 1 / 2

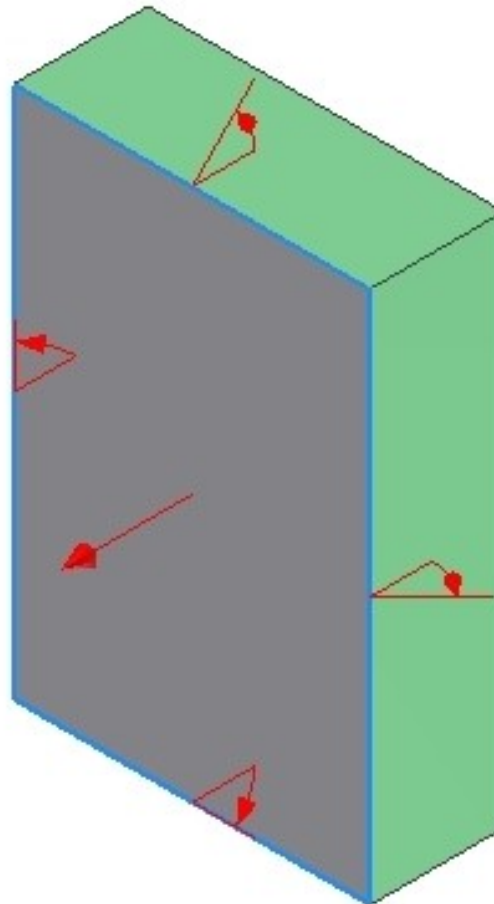# Step 1: Create an extruded feature

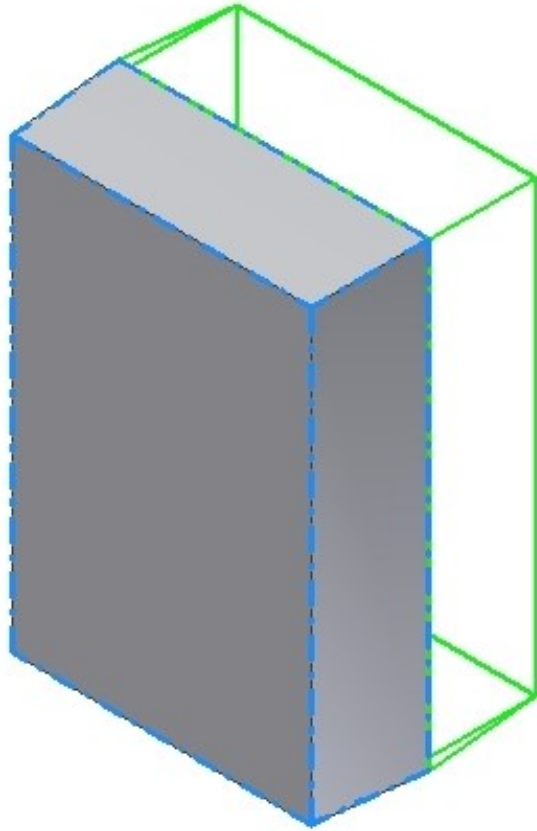6.000

4.000
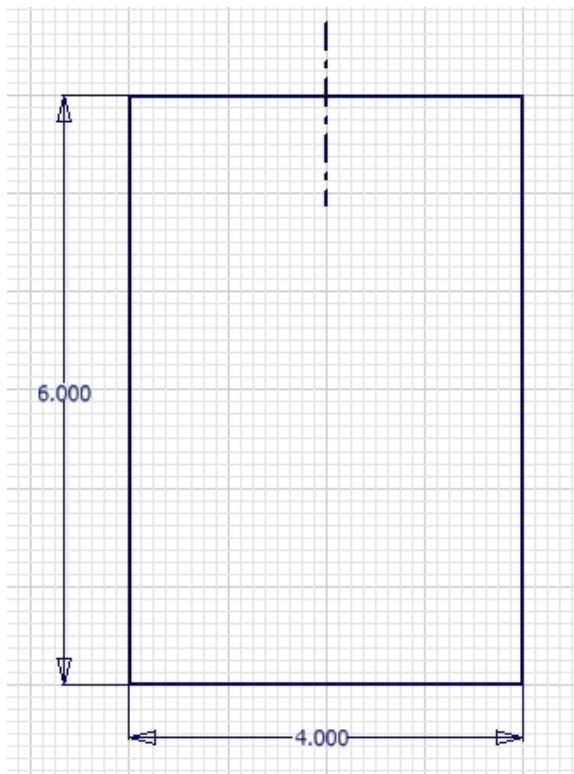
Extrude the
sketch
1.5 inches

Step 2: Create a draft feature
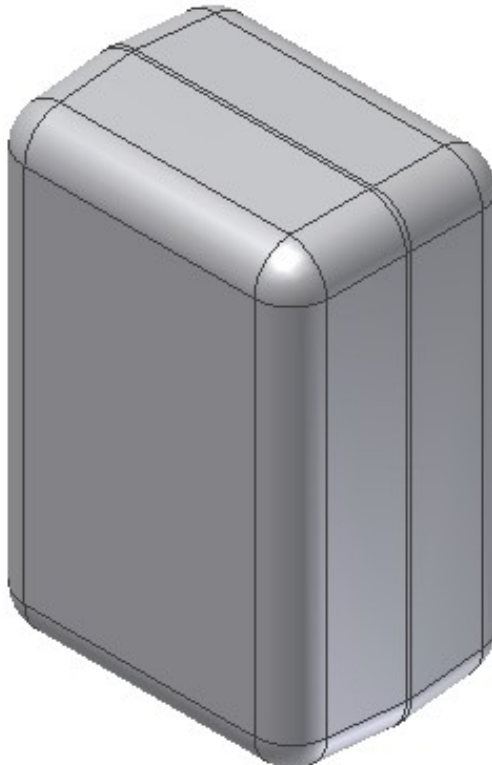
Select four sides
(shown green)

Draft angle
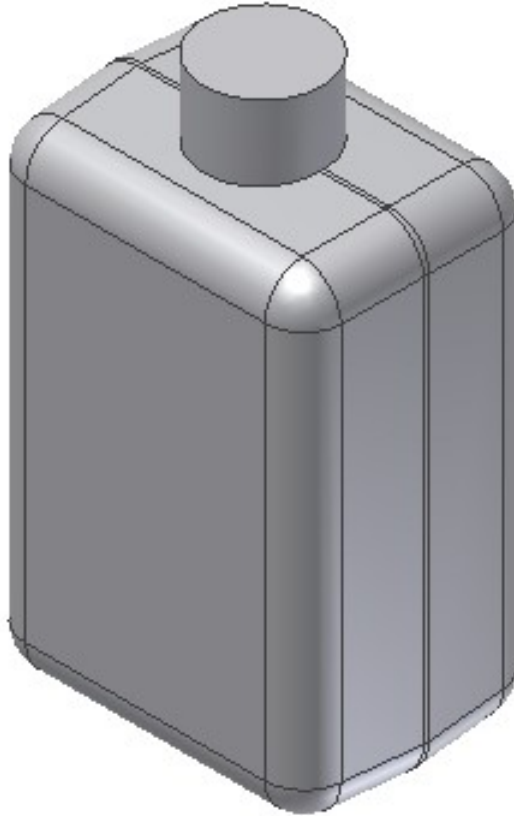should be
3 degrees

Step 3: Mirror the geometry

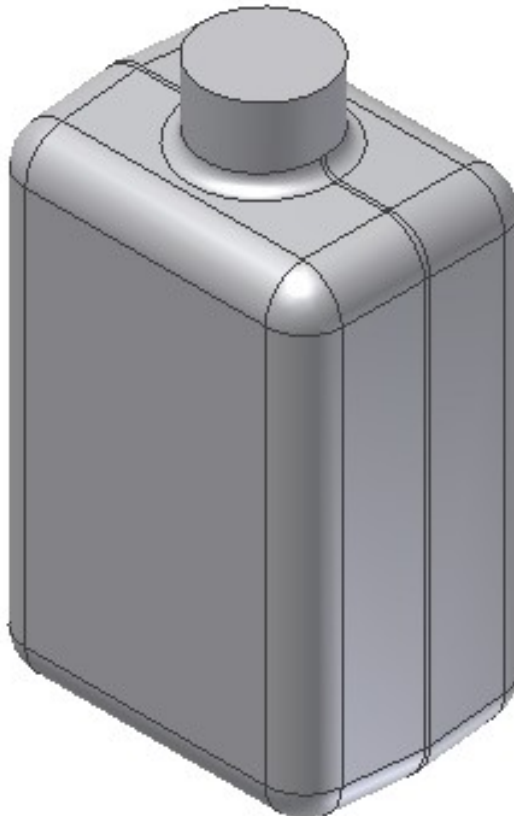Step 4: Round all edges using 0.5 inch radius

Step 5: Add a cylindrical extrusion at the top of the bottle

Create a 1.5 inch diameter circle then extrude one inch

Step 6: Add a 0.18 inch round at the base of the cylinder

Step 7: Add a 0.125 inch shell

Select only
the top
surface to
remain open