

## Homework 01: Student Reflection Form

**Name:** Cameron Miller**UID #:** 0723189

Compare your own work for Homework 01 to the posted solutions. Inspect your personal work for accuracy. Check the "Correct" box if the mass of your block is the same as that of the posted solutions. Look at the [FeatureManager Design Tree](#) for the solutions and notice any differences between your solution strategy and that used in the solutions. Then complete the sections below.

### 1. SolidWorks – Sketching

- a. Is your sketch FULLY DEFINED: YES
- b. Enter the mass of your block: 2.60 lbs Correct: ☒
- c. Did you look at the solutions in order to complete your block? NO
- d. If you answered YES to part **c** above, describe why you needed the solutions to complete your block, i.e., what misunderstandings did you have about this model?

⇒

⇒

- e. Describe how your FeatureManager Design Tree differs from that in the solution. Did you use different features? Are your features in a different order? Are the names of your features different?

⇒ my features were reversed. In professor M's demo he drew it clockwise and in mine I drew it counter clockwise. Also, when I first started mine I started in MMGL and forgot to switch until after I was done drawing so I had to manually fix every line with my smart lines. Also it was my second attempt so all my smart lines had Sketch2 in front of them.

⇒

### 2. SolidWorks – Sketching

- a. Is your sketch FULLY DEFINED: YES
- b. Enter the mass of your block: 40.30 gm Correct: ☒
- c. Did you look at the solutions in order to complete your block? NO
- d. If you answered YES to part **c** above, describe why you needed the solutions to complete your block, i.e., what misunderstandings did you have about this model?

⇒

⇒

- e. Describe how your FeatureManager Design Tree differs from that in the solution. Did you use different features? Are your features in a different order? Are the names of your features different?

⇒ my feature manager is a complete mess comparatively to the example. I had an issue with figure out how to draw the arcs so I constantly had to redraw it adding a large amount of sketches on it. I also swapped directions I was going

at one point so my lines aren't organized.

⇒