

Homework 8

You are given 3 Solidworks drawing files. It is your job to recreate the parts from these files, and make engineering drawings of them. So for each problem, you need to submit a part file, as well as a drawing file.

All units are INCHES!

Make sure to show the hidden lines in your drawing files that are shown in the pictures given to you. Also make sure to add centerlines through holes for clarity.

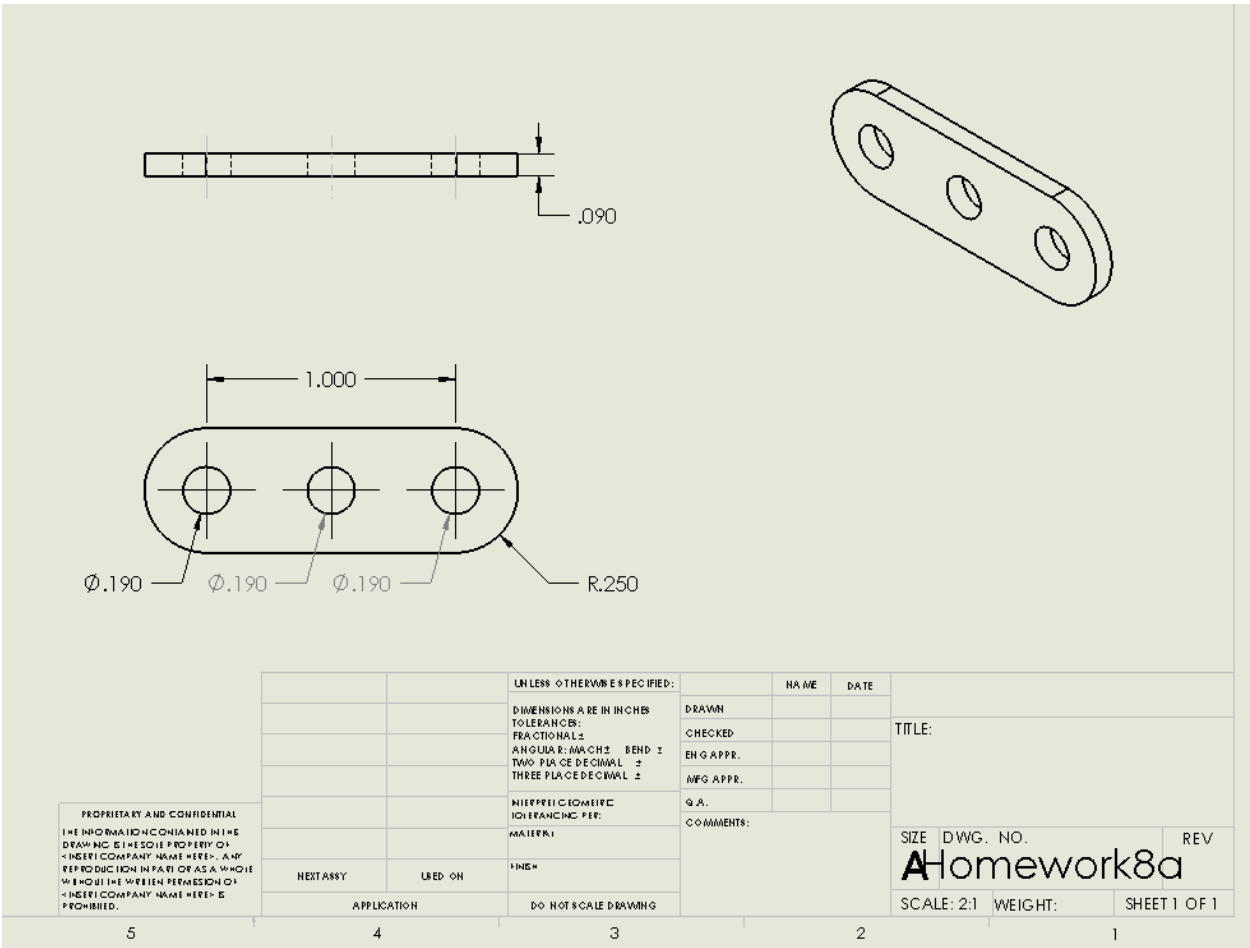
Save part files as "firstname_lastname_homework8a.SLDPRT", "firstname_lastname_homework8b.SLDPRT", "firstname_lastname_homework8c.SLDPRT".

Save drawing files as "firstname_lastname_homework8a.SLDDRW", "firstname_lastname_homework8b.SLDDRW", "firstname_lastname_homework8c.SLDDRW".

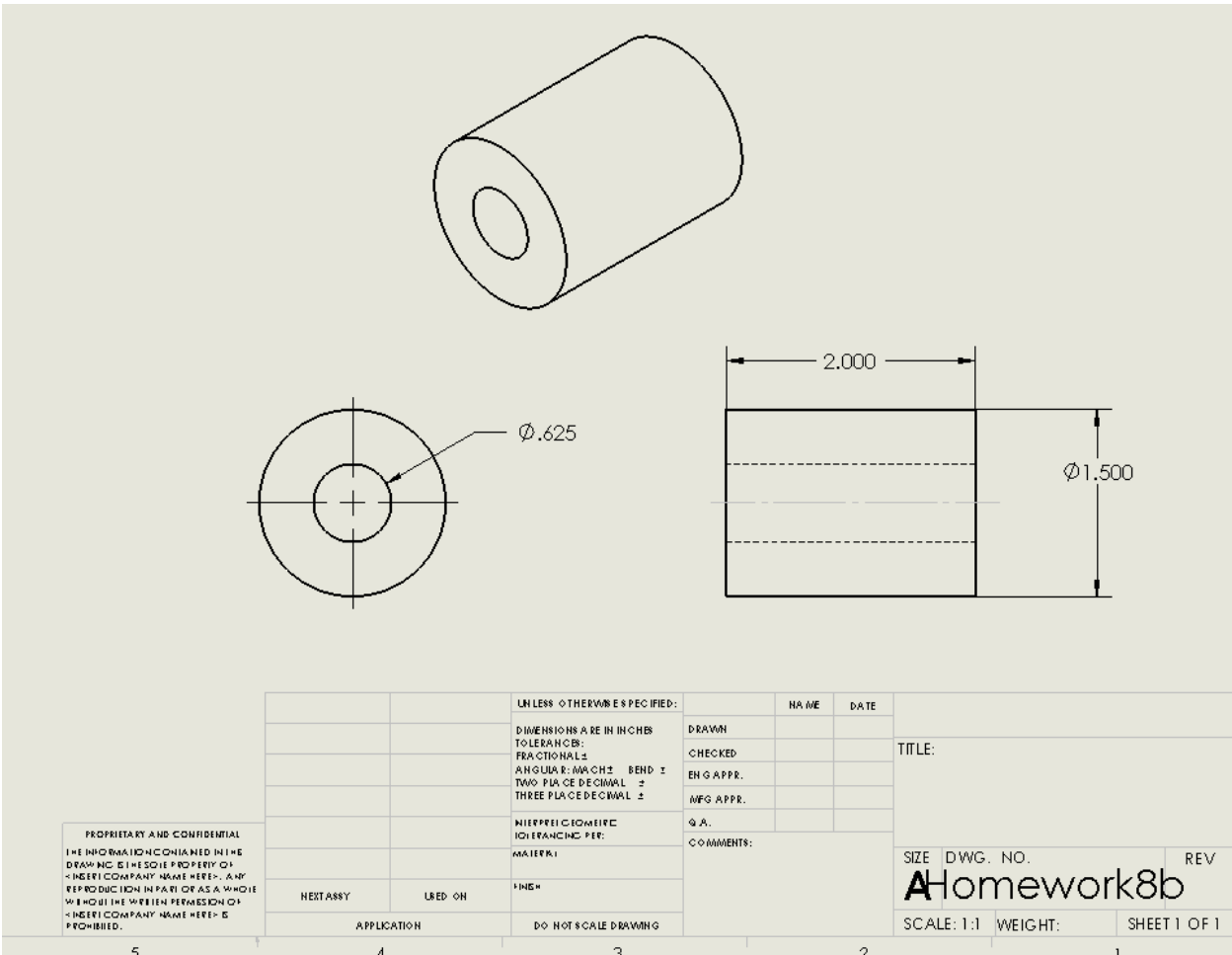
Do not worry about editing the information in the bottom right corner.

Each drawing, in addition to containing all necessary third angle projection views, also contains an isometric view of the object.

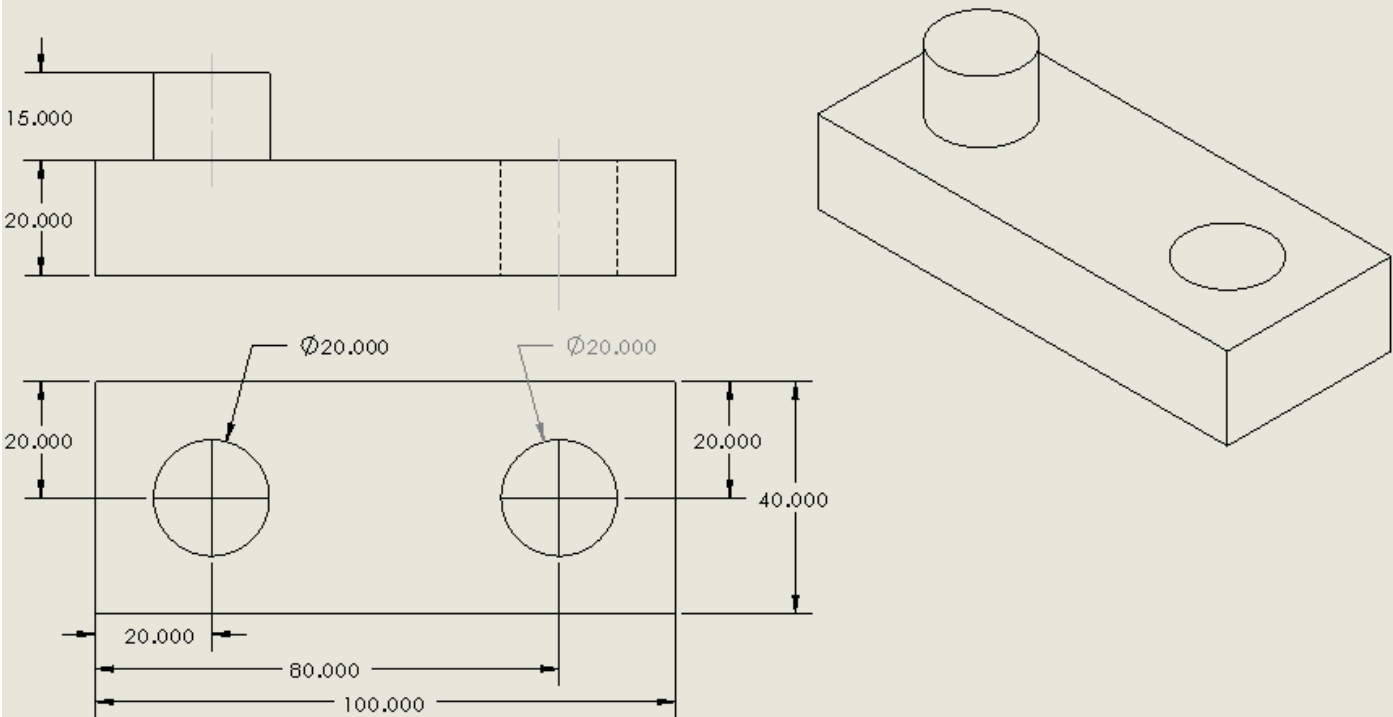
8a)



8b)



8c)



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DRAWING IS THE SOLE PROPERTY OF
<INSERT COMPANY NAME HERE>. ANY
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE		
		DIMENSIONS ARE IN INCHES		DRAWN			
		TOLERANCES:		CHECKED		TITLE	
		FRACTIONAL ±		ENG. APPR.			
		ANGULAR: MACH ± BEND ±		MFG. APPR.			
		TWO PLACE DECIMAL ±		Q.A.			
		THREE PLACE DECIMAL ±		COMMENTS:			
		INTERPRET GEOMETRIC TOLERANCING PER:					
		MATERIAL:					
NEXT ASSY		USED ON					
APPLICATION		DO NOT SCALE DRAWING					
				SIZE DWG. NO. REV			
				A Homework8c			
				SCALE: 1:24 WEIGHT: SHEET 1 OF 1			