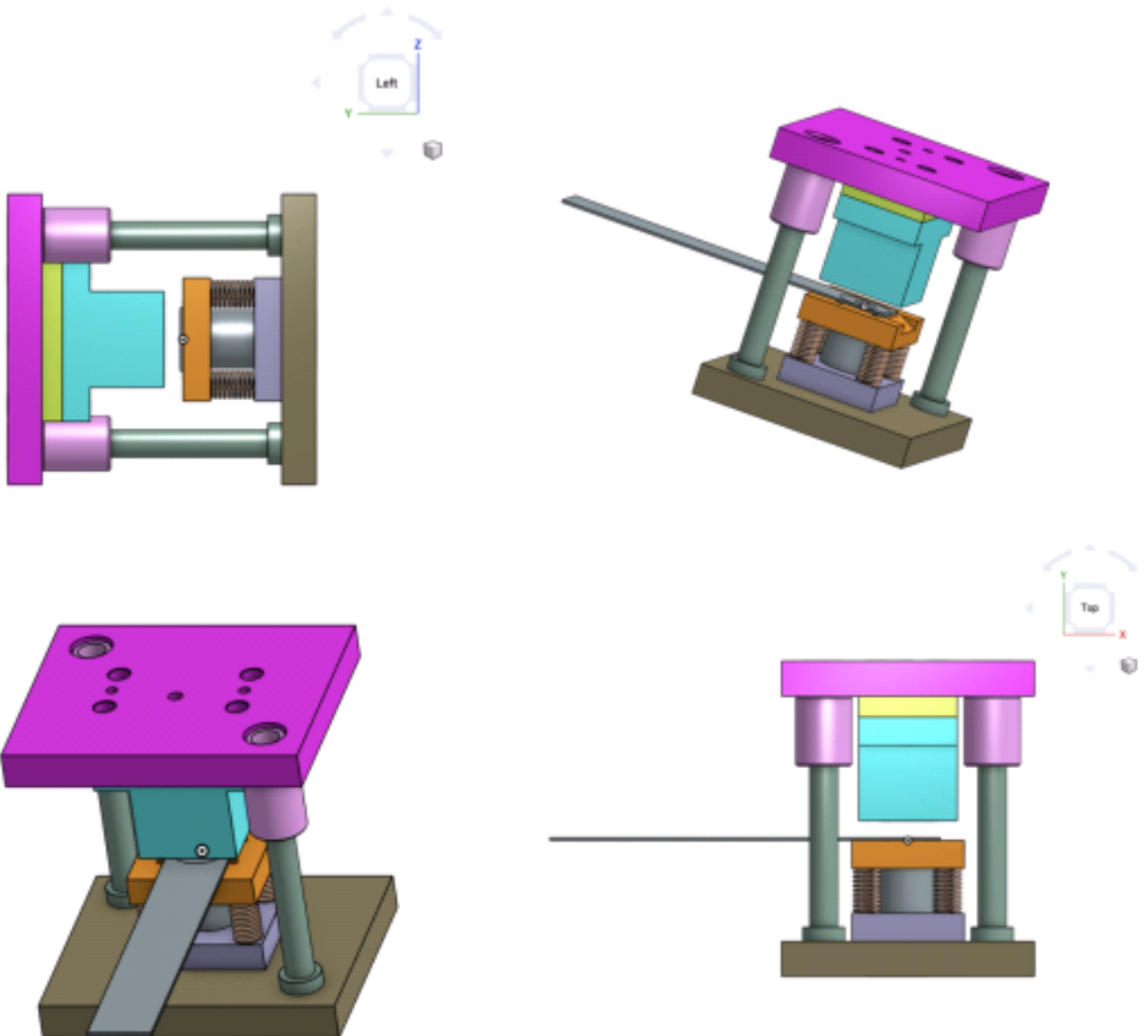


B - Write It CAD It-Writer -B - December 19 SO Practice - 12-19-2020

This test is for the Writer. If you're not the Writer, please let your coach know immediately.

- Once you start the test, you will see screenshot images of the model from different angles.
- You have 25 minutes to type the instructions in the free response box.
- The instructions are autosaved every time they click outside of the box.
- While there is no advantage to finish writing early, if you finish early, you can click "Submit Test."
- You should click outside of the textbox you're typing in before the end of the 25 minutes so that it's saved.
- You may also want to click outside the textbox and back in periodically just to be safe.
- The test will be automatically submitted when the 25 minutes is up.



1. (1.00 pts)

Type your instructions in the box below. Make sure to click out of the box and back in periodically so it'll autosave. Make sure to click outside of the box before time is up so it is saved

Expected Answer: Expected Answer:

Congratulations! You're done with your part!

B - Write It CAD It-CADer - December 19 SO Practice - 12-19-2020

This test is for the CADer. If you're not the CADer, please let your coach know immediately.

The software used is Onshape. Educational license is available for free at <https://www.onshape.com/en/education/> (<https://www.onshape.com/en/education/>) for educators and students The CADer should create an Onshape account prior to the tournament.

1. (42.00 pts)

Please log into your Onshape account and click on "Public" on the left and type " ghghjkmno" into the "Search in Public" bar in Onshape.

Once the file has been found, double click on it and near the upper left, click on "Make a Copy."

You have 20 minutes to arrange the pieces in Onshape using the instruction from the Writer.

- **To submit:**
- Rename the CAD file name to your team number: school name- team name and do the following: Click on the "Share" button on the upper right and under "Individuals," type in rchowtur@gmail.com and click "Share"
- Please confirm that you build your model using only the provided CAD file and the instructions from your team by typing "Confirmed" below.

Expected Answer: Expected Answer:

Congratulations! You've completed Write It CAD It! Good luck with the rest of the tournament!

Score	Parts / Color / Alingment	Score	Parts / Color / Alingment	Score	Parts / Color / Alingment
	Part #1		Part #7		Part #13
1	Shape - Large Flat Square with digonally opposite holes	1(0.5 pt)	Shape - Small circular washer	1	Shape - T shaped
1	Color - Snuff	1(0.5 pt)	Color - Gray	1	Color - Aqua Blue
1	Location - Base area facing North	1(0.5 pt)	Location - Aligned parallel to the Part #3	1	Location - Centrally aligned to the inside of Part #12 with T Part on top of Part #12
	Part #2		Part #8		
1	Shape - Small Square with a central hole	1(0.5 pt)	Shape -Small 1/4 inch cylinder (2 cylinders)		
1	Color - Lavendar	1(0.5 pt)	Color - Gray		
1	Location - Centered on top of Part #1	1(0.5 pt)	Location - Diagonally opposite corner of Part #1		
	Part #3		Part #9		
1	Shape - 1 1/4 inch Cylinder	1(0.5 pt)	Shape - 3 inch Supporting Posts		
1	Color - Gray	1(0.5 pt)	Color - Gray		
1	Location - Centered partially inside Part #2	1(0.5 pt)	Location - Each on top of Part #8		
	Parts #4		Part #10		
1(0.25 pt)	Shape - 1 inch Spring (4 springs total)	1(0.5 pt)	Shape - 1 inch Cylinder (2 cylinders)		
1(0.25 pt)	Color - Cream	1(0.5 pt)	Color - Ligh Pink		
1(0.25 pt)	Location - positioned at each corner of Part #2	1(0.5 pt)	Location - Each inserted into Part #9		
	Part #5		Part #11		
1	Shape - Small Square with a central hole and divot	1	Shape - Large Flat Square with digonally opposite holes		
1	Color - Orange	1	Color - Hot Pink		
1	Location - Parallel to the Part #2	1	Location - Base area facing South		
1	on top of Parts #4	1	Alignment - Parallel to Part #1		
	Central hole alinged with Part #3	1	two diagonally opposite holes aligned to Part #9		
	Part #6		Part #12		
1	Shape - 3 1/2 inch Rectangular plate	1	Shape - Small rectangle		
1	Color - Gray	1	Color - Green		
1	Location - Aligned at the center of Part 5	1	Location - centrally aligned to the inside of Part #11		
	on top of Parts #5		Base area facing South		
Total Score	42				