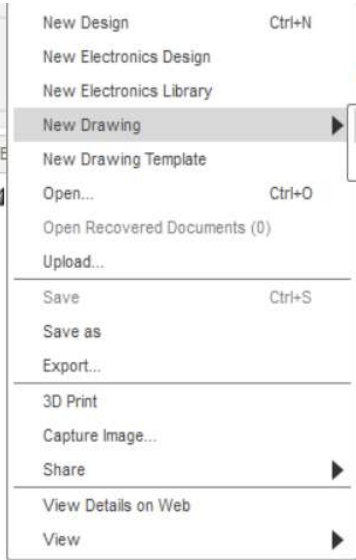


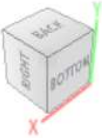
Activity 13- Lets create an orthographic drawing





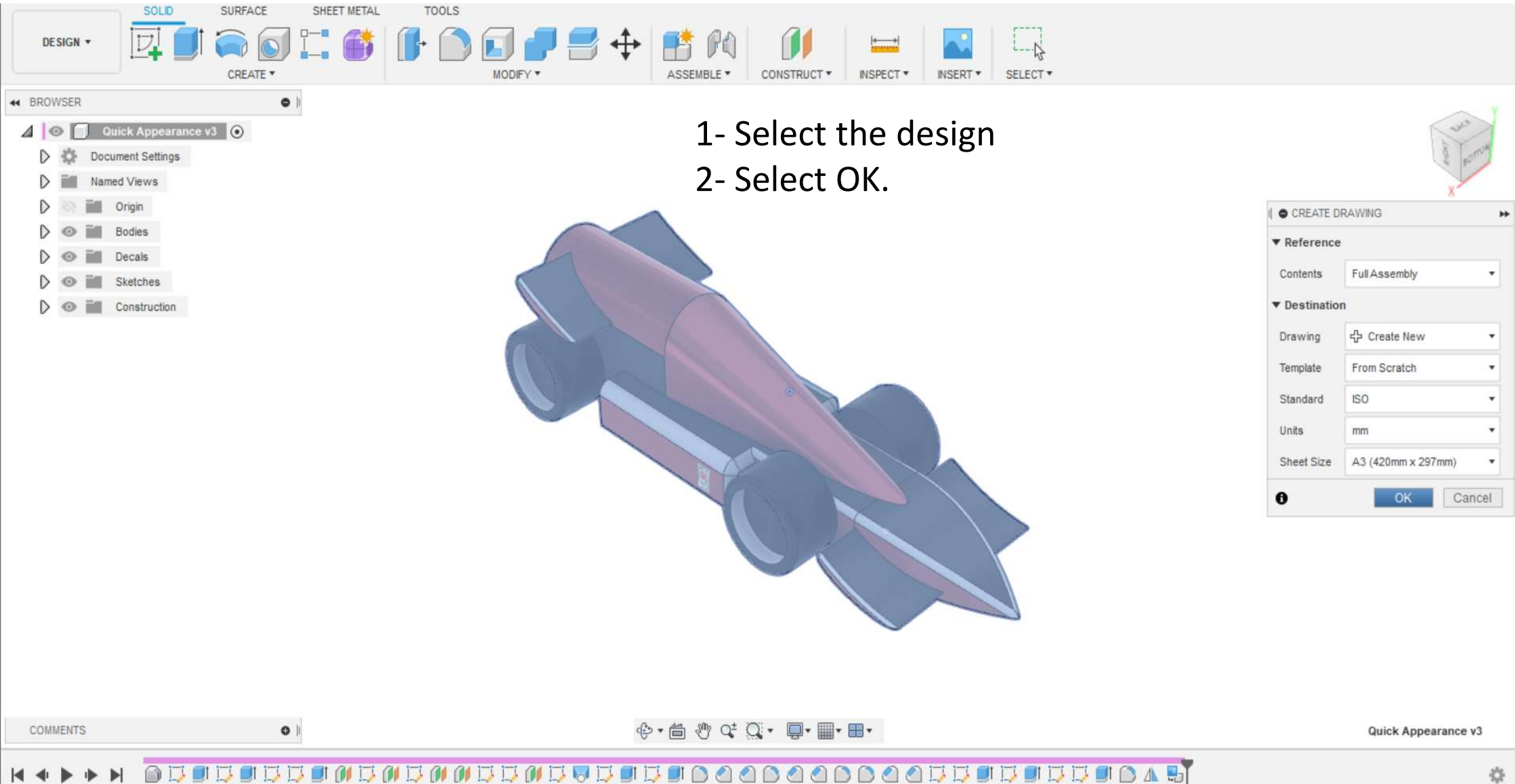
We are going to create an orthographic drawing.

- 1- Click File
- 2- Click New Drawing
- 3- Select From Design



COMMENTS



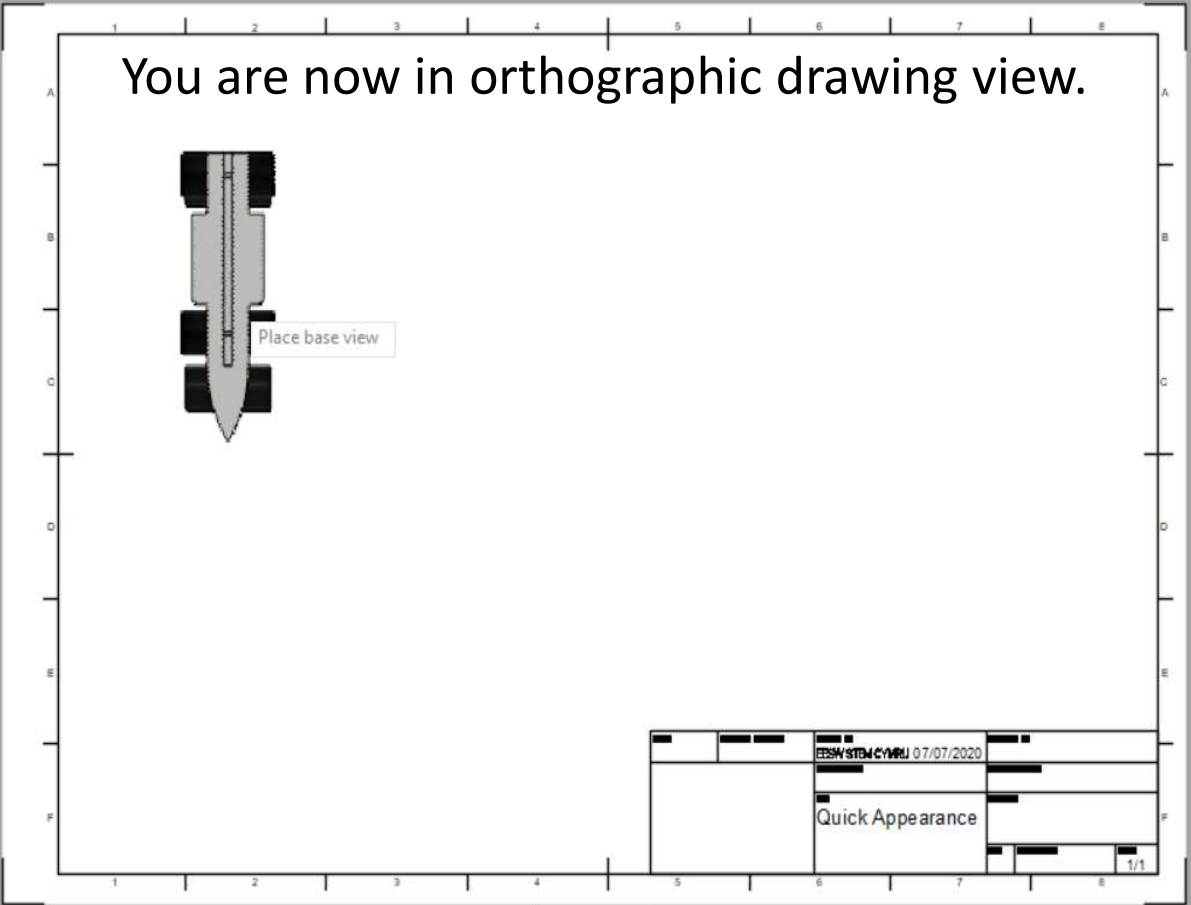


DRAWING



BROWSER

- (Unsaved)
- Document Settings
- Sheet1
- Sheet Settings



DRAWING VIEW

Reference Create New

Representation

▼ Appearance

Orientation

Style

Scale

▼ Edge Visibility

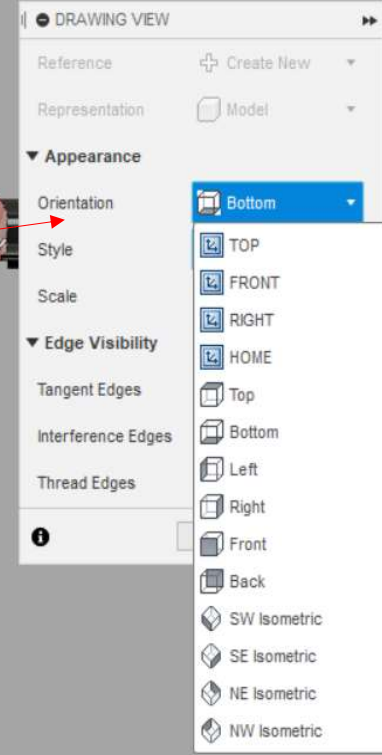
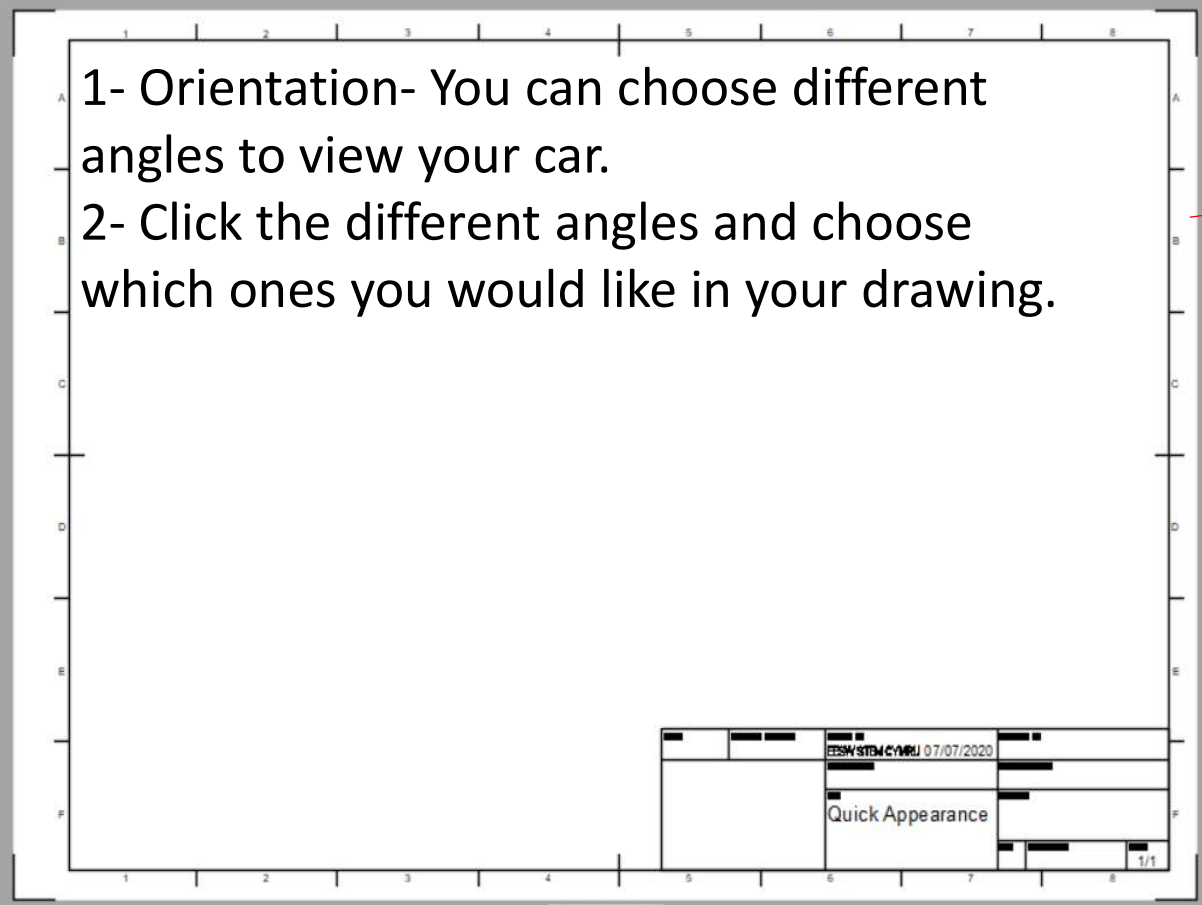
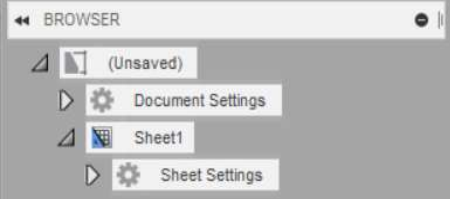
Tangent Edges

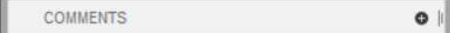
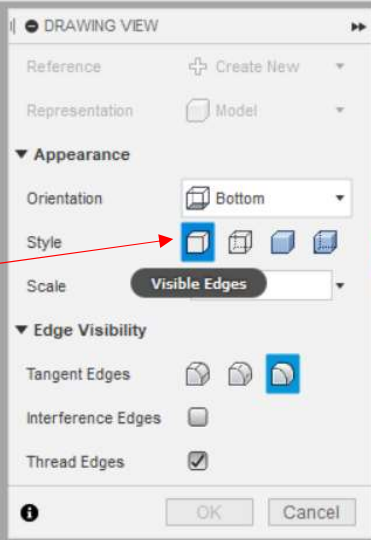
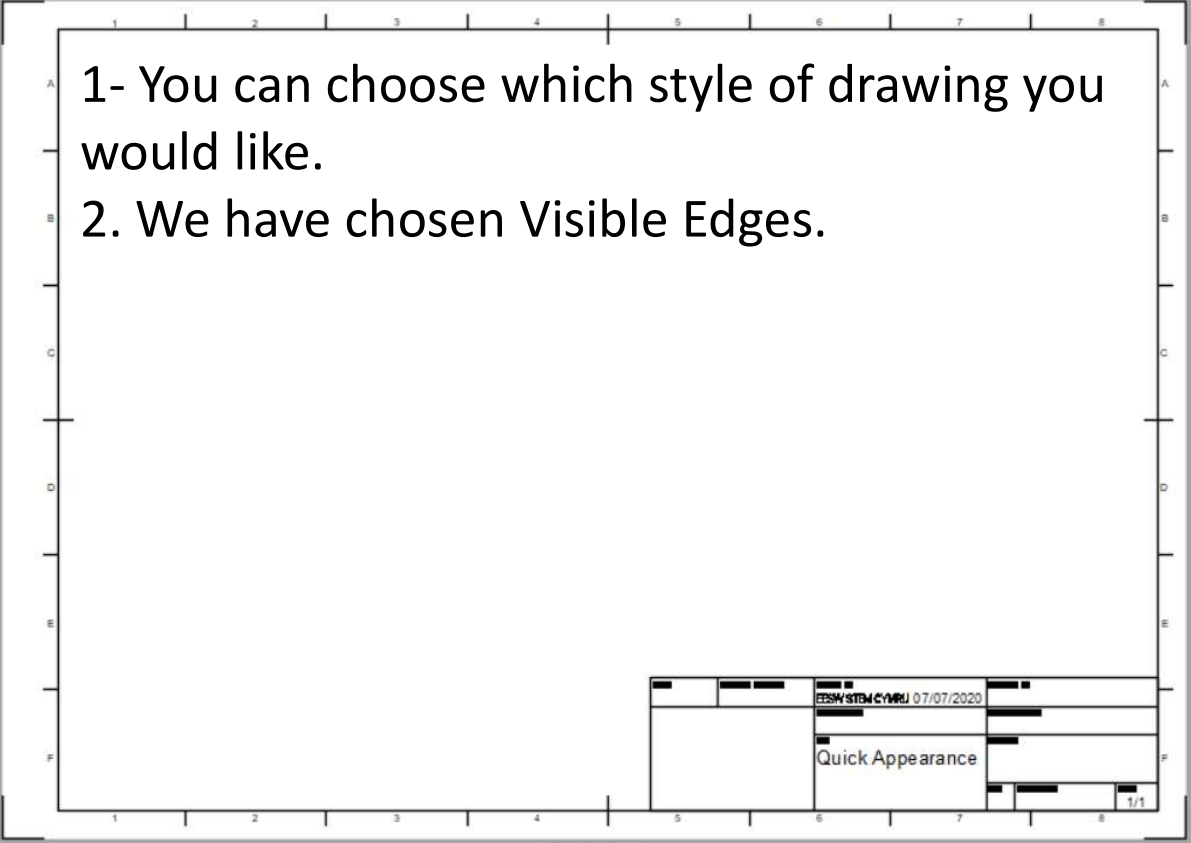
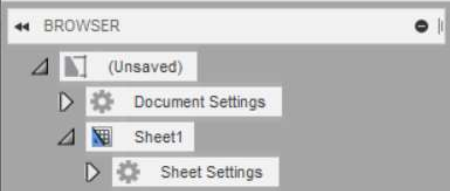
Interference Edges

Thread Edges

COMMENTS



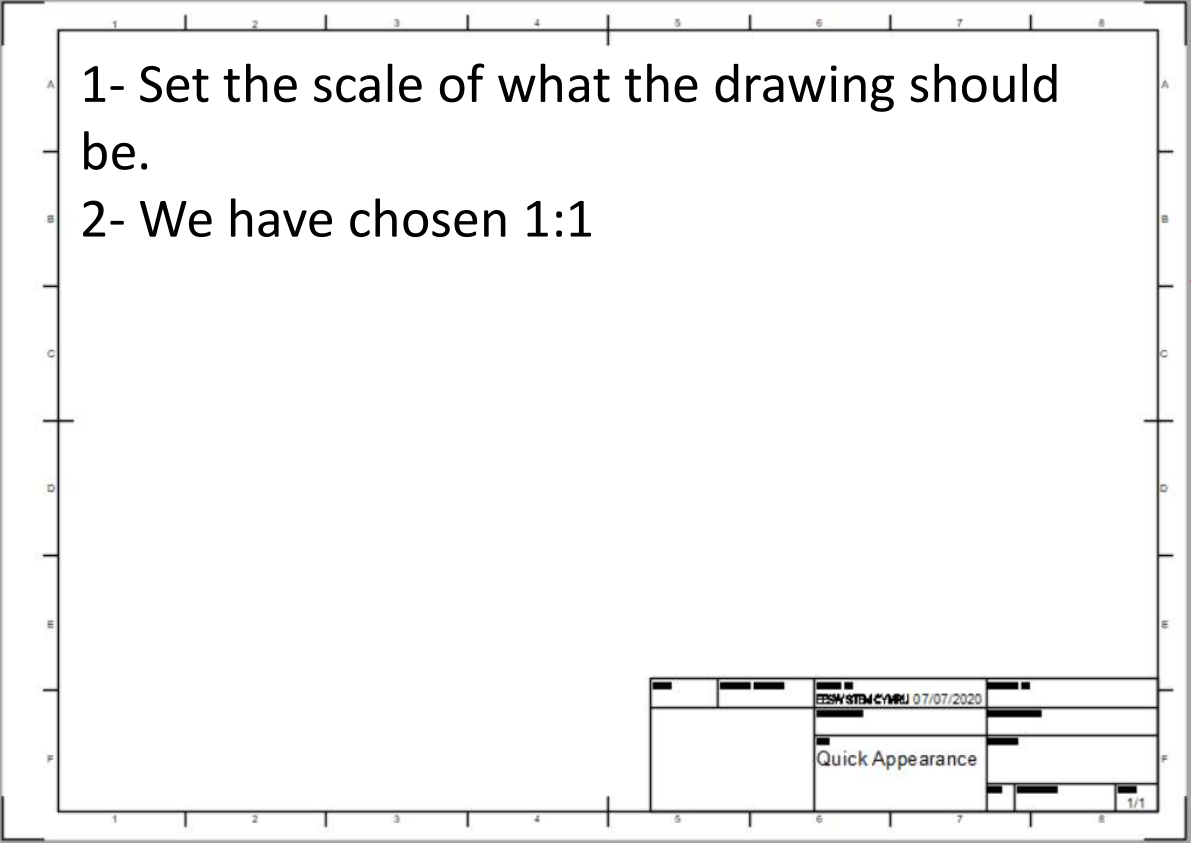






BROWSER

- (Unsaved)
- Document Settings
- Sheet1
- Sheet Settings



DRAWING VIEW

Reference Create New

Representation Model

▼ Appearance

Orientation Bottom

Style

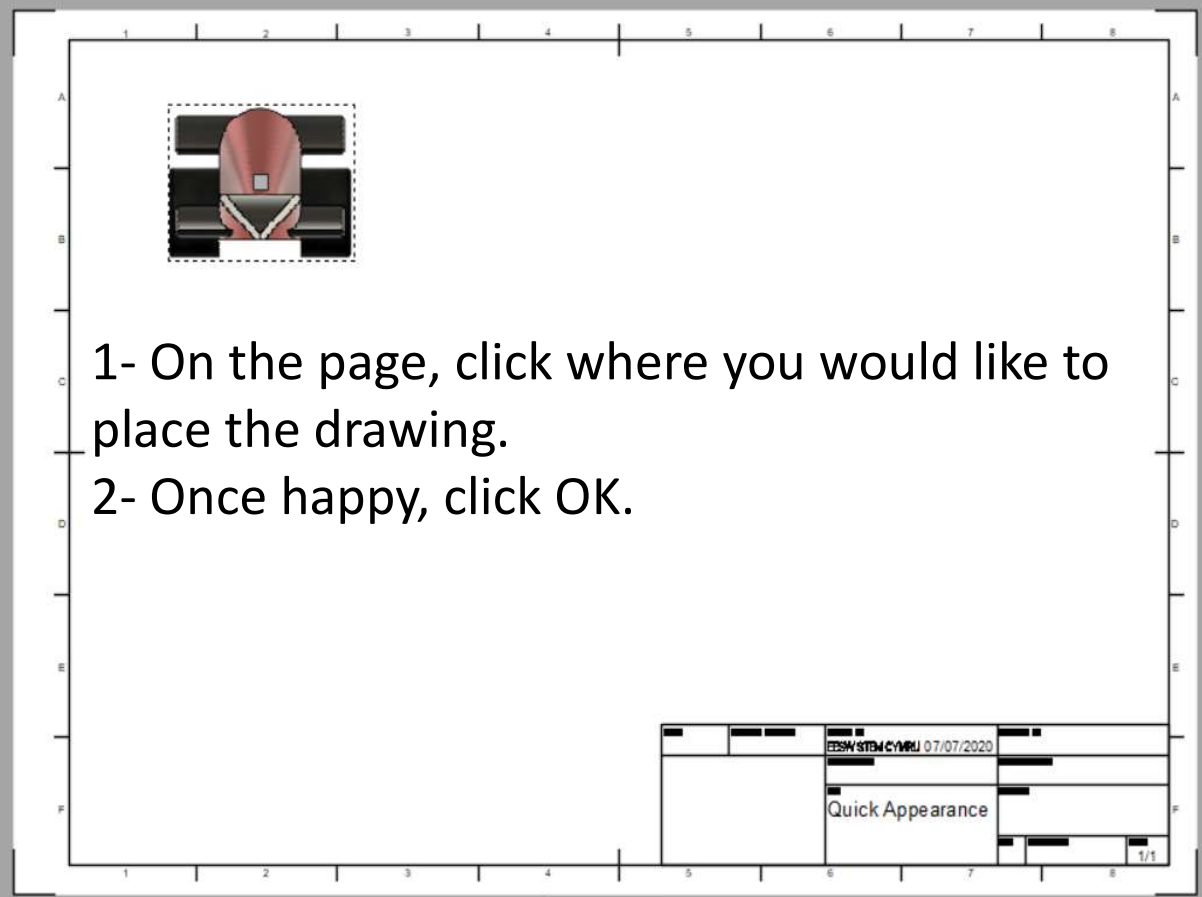
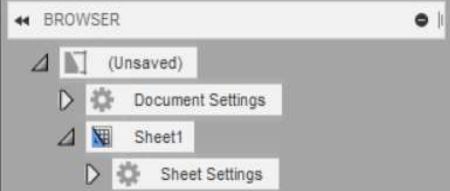
Scale 1:1

▼ Edge Visibility

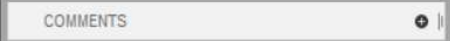
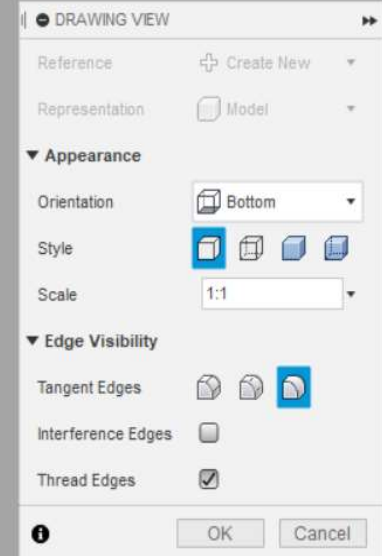
- Tangent Edges 1:2
- Interference Edges 1:2
- Thread Edges 1:4, 1:5, 1:8, 1:10, 1:16, 1:20, 1:30, 1:40, 1:50, 1:100, 2:1, 4:1, 8:1, 10:1, 100:1

COMMENTS





1- On the page, click where you would like to place the drawing.
2- Once happy, click OK.

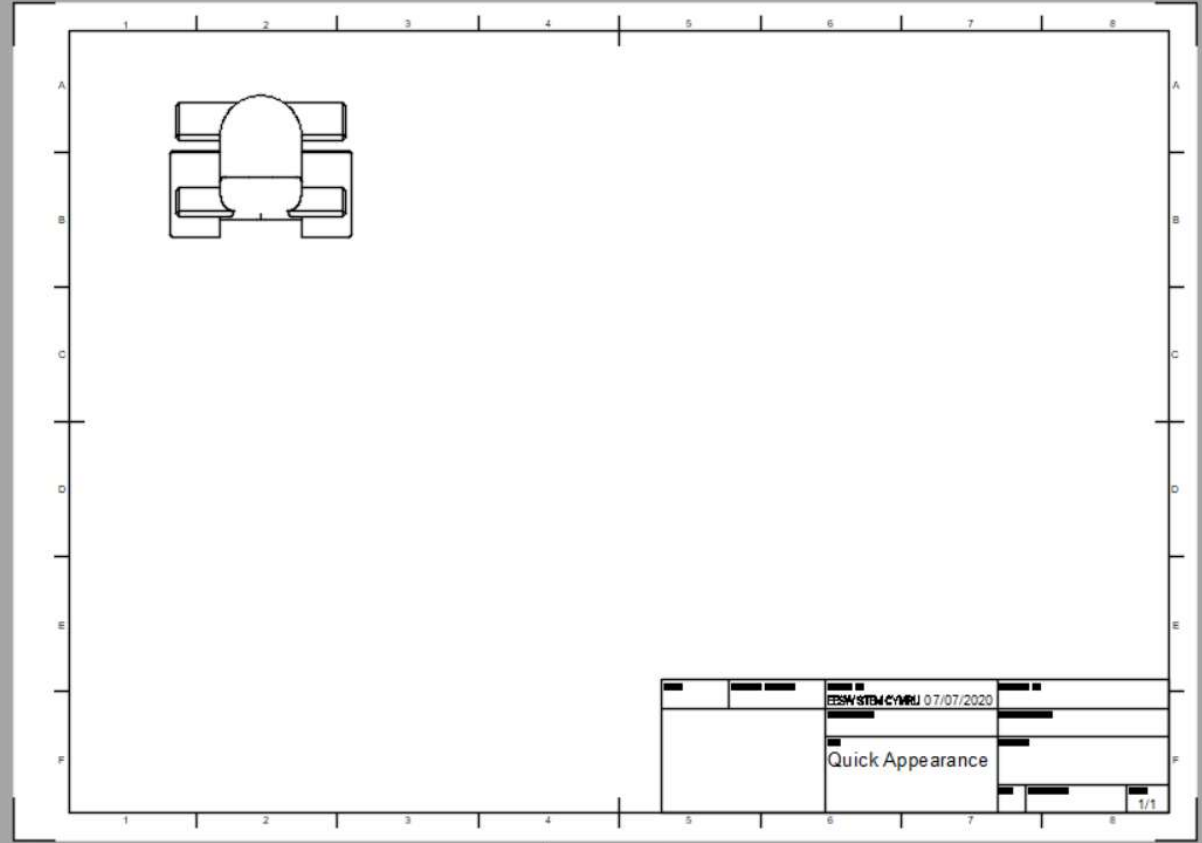


DRAWING



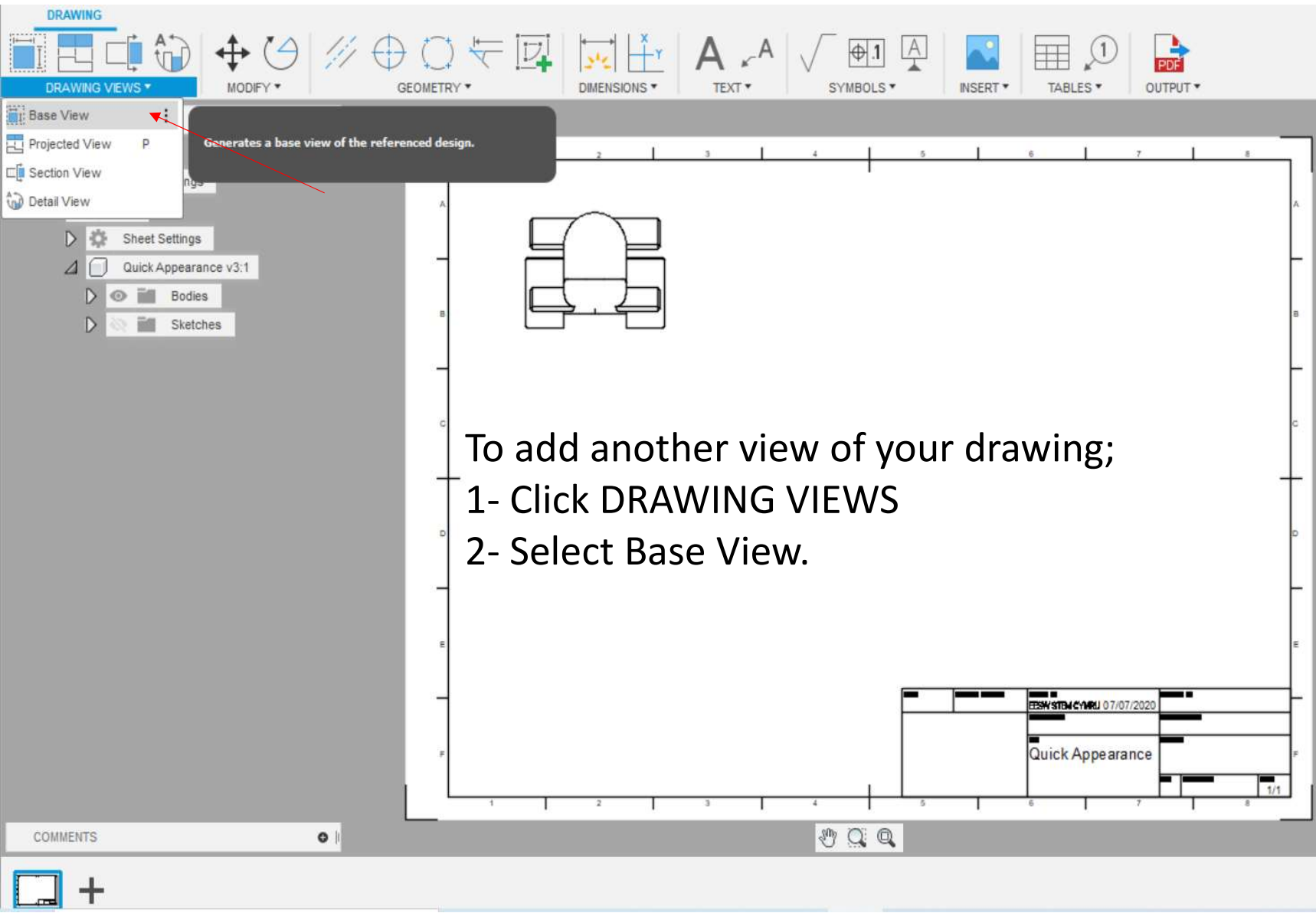
BROWSER

- (Unsaved)
- Document Settings
- Sheet1
 - Sheet Settings
 - Quick Appearance v3:1
 - Bodies
 - Sketches



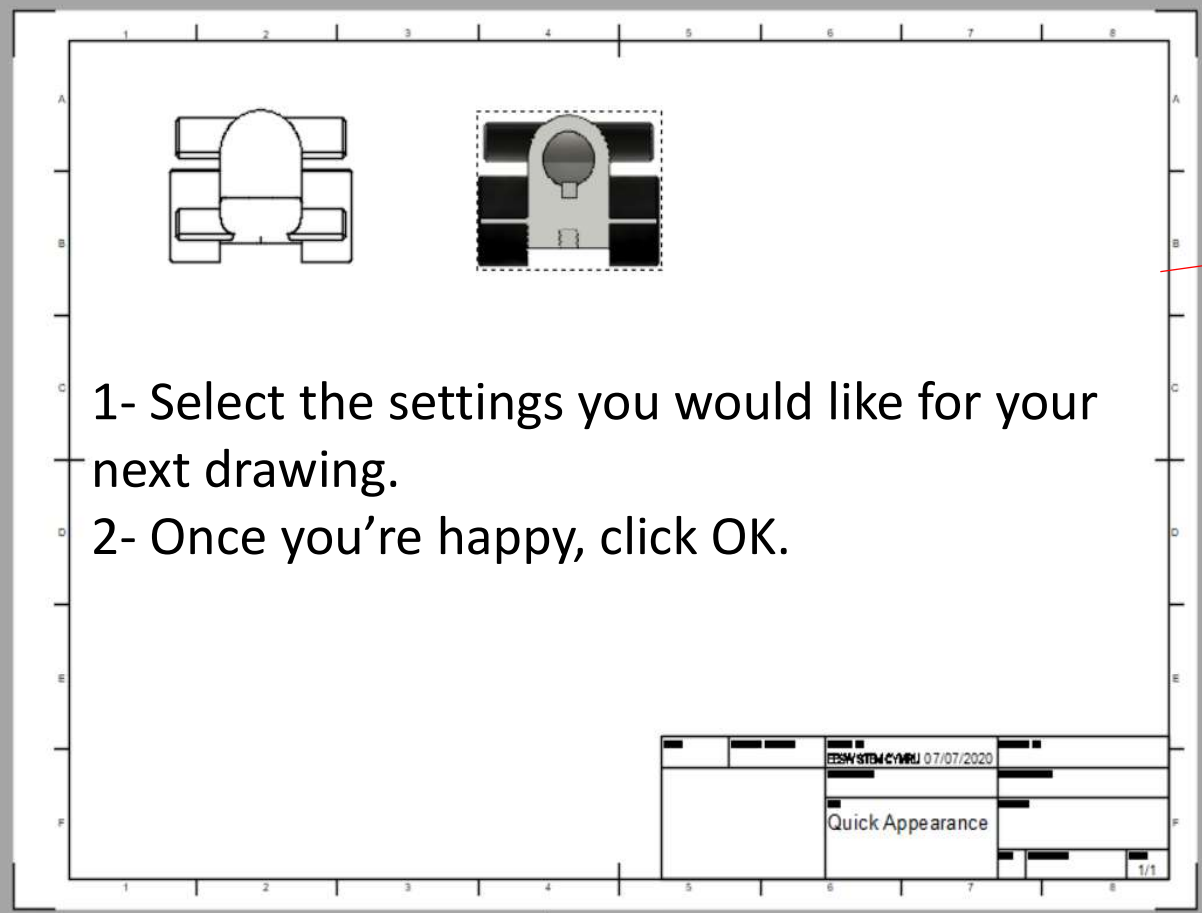
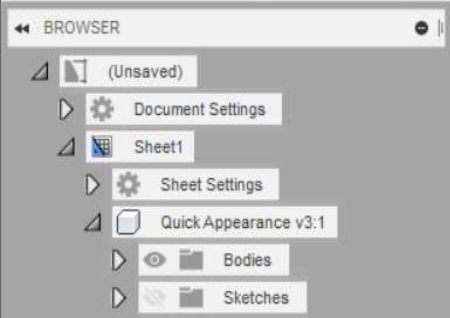
COMMENTS



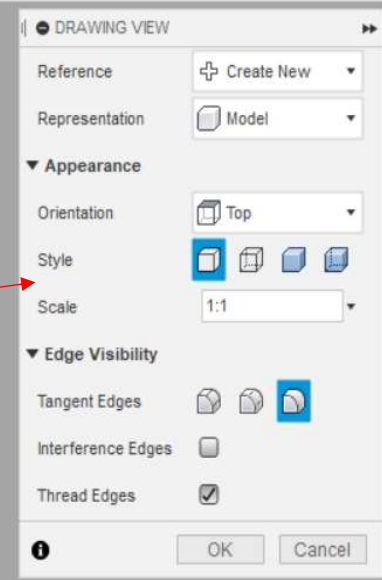


Generates a base view of the referenced design.

To add another view of your drawing;
1- Click DRAWING VIEWS
2- Select Base View.



1- Select the settings you would like for your next drawing.
2- Once you're happy, click OK.

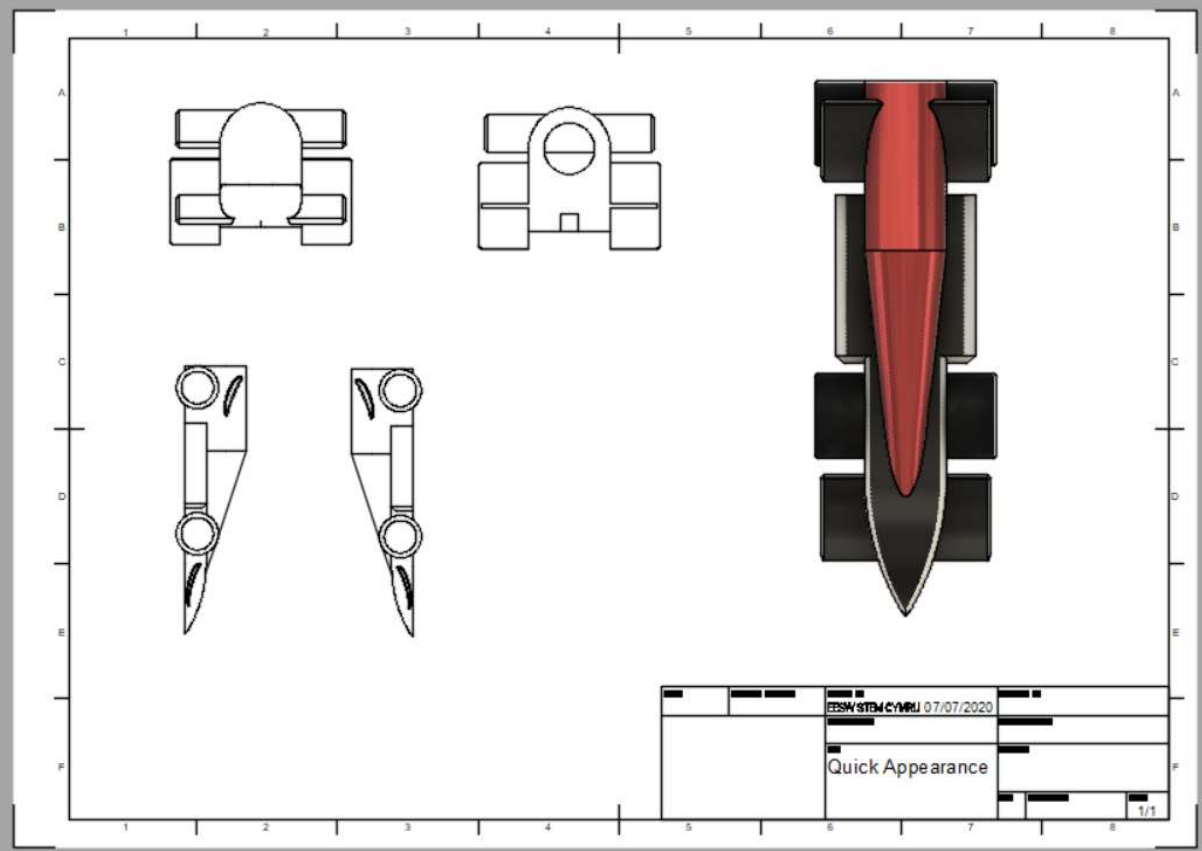


DRAWING



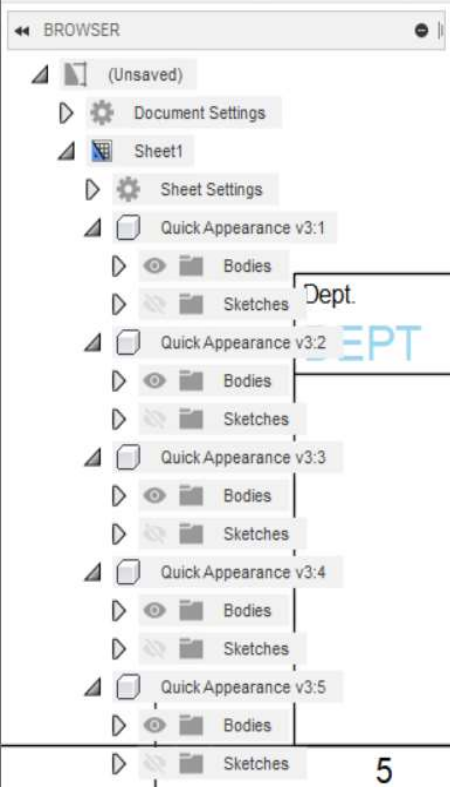
BROWSER

- (Unsaved)
- Document Settings
- Sheet1
 - Sheet Settings
 - Quick Appearance v3:1
 - Bodies
 - Sketches
 - Quick Appearance v3:2
 - Bodies
 - Sketches
 - Quick Appearance v3:3
 - Bodies
 - Sketches
 - Quick Appearance v3:4
 - Bodies
 - Sketches
 - Quick Appearance v3:5
 - Bodies
 - Sketches

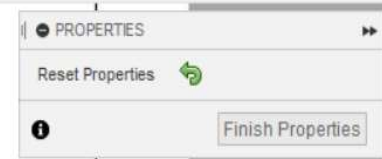


COMMENTS

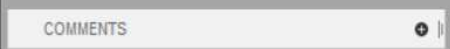




- 1- To change the text in the box, double click and change as necessary.
- 2- Once finished, click Finish Properties.



Dept. EPT	Technical reference TECHNICAL_REFERENCE	Created by Hannah	Approved by APPROVED_BY
		07/07/2020	APPROVED_DATE
		Document type DOCUMENT_TYPE	Document status DOCUMENT_STATUS
		Title Quick Appearance TITLE_2 TITLE_3	DWG No. DRAWING_NUMBER
		Rev. REV	Date of issue DATE_OF_ISSUE
			Sheet 1/1

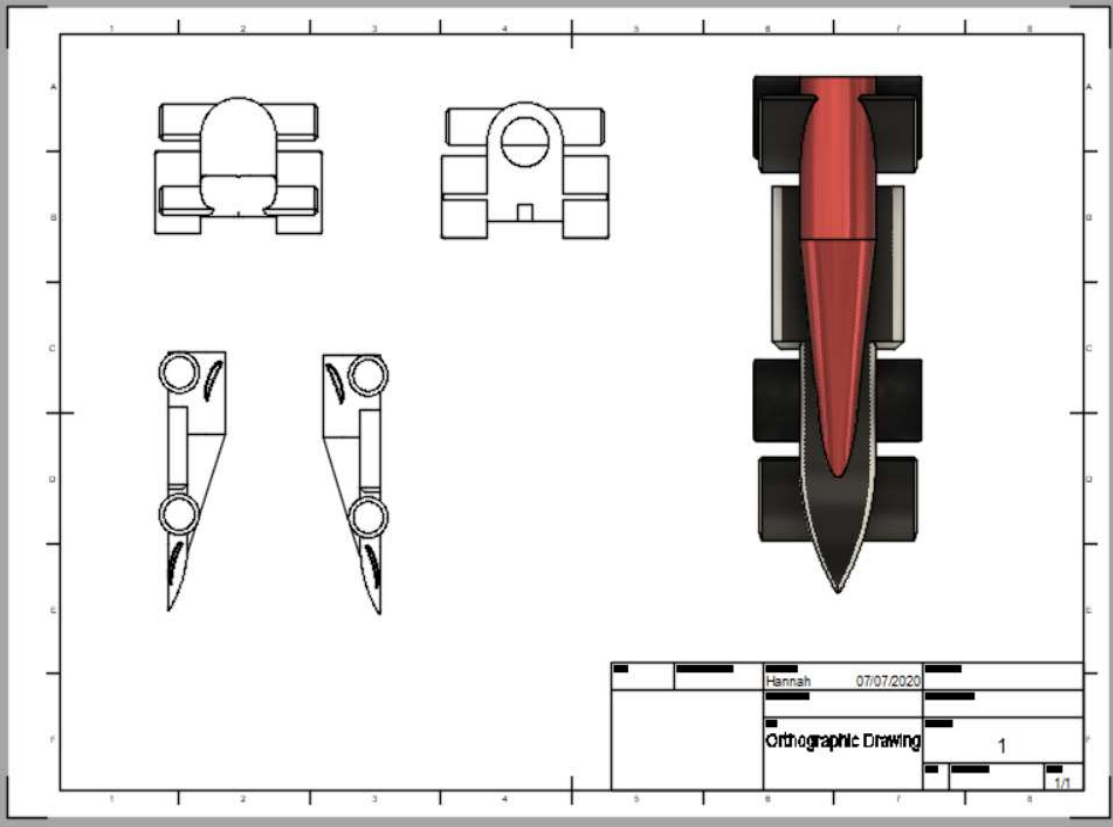


DRAWING



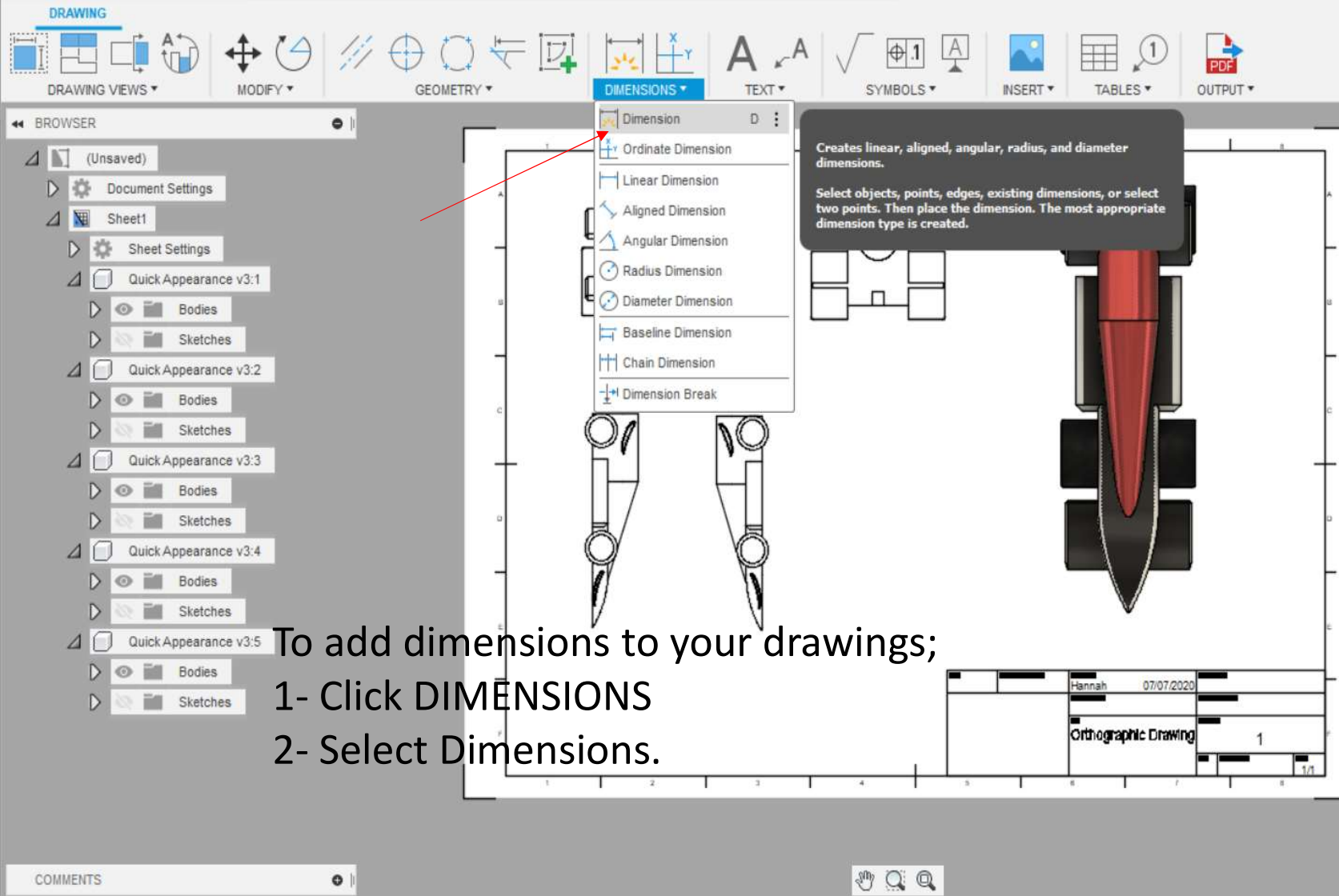
BROWSER

- (Unsaved)
- Document Settings
- Sheet1
 - Sheet Settings
 - Quick Appearance v3:1
 - Bodies
 - Sketches
 - Quick Appearance v3:2
 - Bodies
 - Sketches
 - Quick Appearance v3:3
 - Bodies
 - Sketches
 - Quick Appearance v3:4
 - Bodies
 - Sketches
 - Quick Appearance v3:5
 - Bodies
 - Sketches



COMMENTS





To add dimensions to your drawings;
1- Click DIMENSIONS
2- Select Dimensions.

The image shows a CAD software interface with a drawing of a car chassis. The interface includes a top toolbar with various tools like 'DRAWING VIEWS', 'MODIFY', 'GEOMETRY', 'DIMENSIONS', 'TEXT', 'SYMBOLS', 'INSERT', 'TABLES', and 'OUTPUT'. On the left, there is a 'BROWSER' panel showing a tree view of the model's structure, including 'Document Settings', 'Sheet1', and several 'Quick Appearance' instances (v3:1 to v3:5) with 'Bodies' and 'Sketches' sub-items. The main drawing area shows a 2D technical drawing of a car chassis with a dimension line indicating a width of 60. Below this, there are two more 2D views of the chassis, one showing the front and one showing the side. A text box in the center of the drawing area says 'Select edge or specify point on an object'. To the right of the 2D drawing is a 3D model of the car chassis, colored red and black. The drawing area is bounded by a coordinate system with letters A, B, C, and D on the vertical axis and a plus sign on the horizontal axis.

To add dimensions;

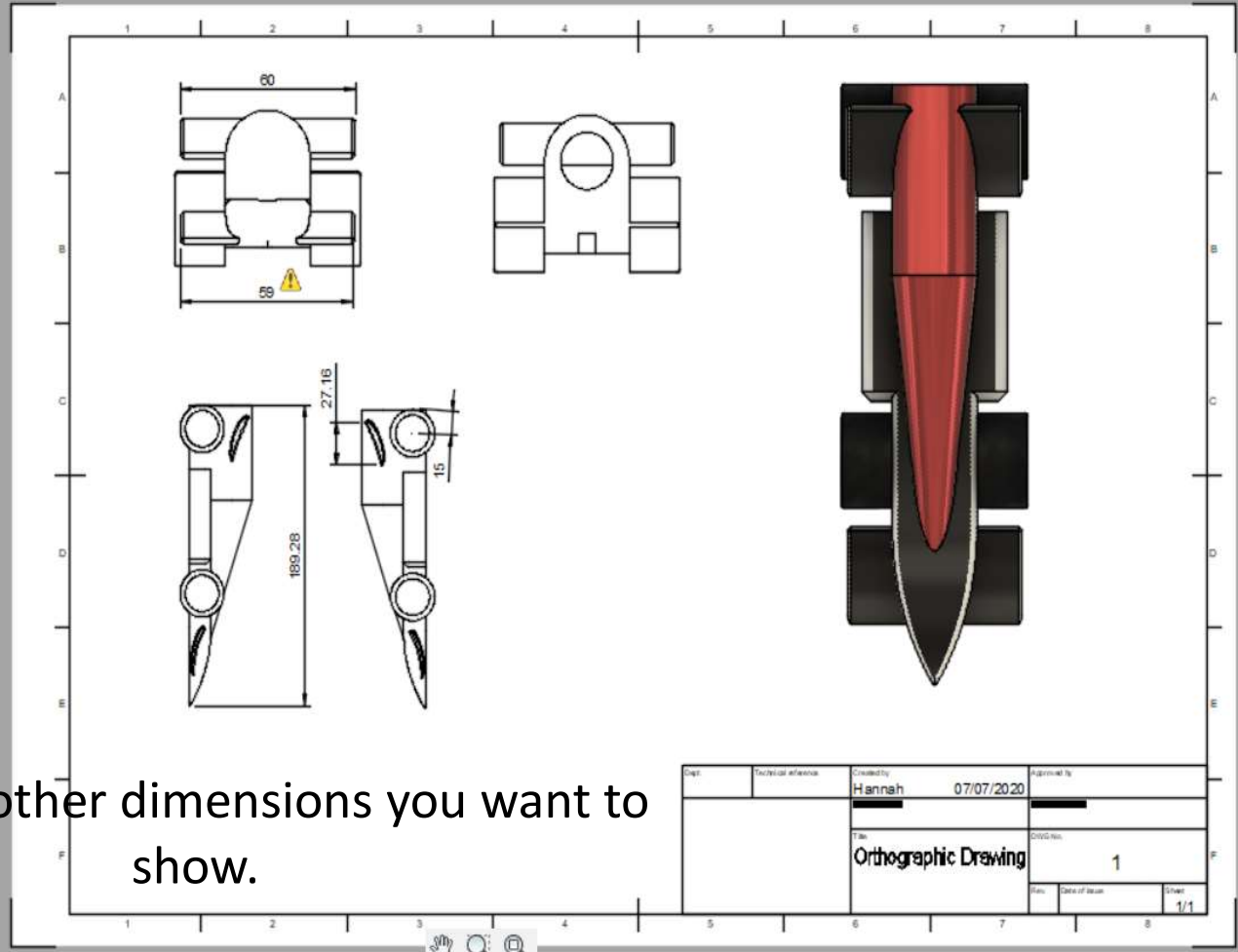
- 1- Click one part of the car you want to measure followed by another.
- 2- The dimension will automatically appear.



BROWSER

- (Unsaved)
- Document Settings
- Sheet1
 - Sheet Settings
 - Quick Appearance v3:1
 - Bodies
 - Sketches
 - Quick Appearance v3:2
 - Bodies
 - Sketches
 - Quick Appearance v3:3
 - Bodies
 - Sketches
 - Quick Appearance v3:4
 - Bodies
 - Sketches
 - Quick Appearance v3:5
 - Bodies
 - Sketches

COMMENTS



Repeat for other dimensions you want to show.

Dept	Technical reference	Created by	07/07/2020	Approved by	
		Hannah			
Title		Orthographic Drawing		Drawn	
				1	
File	Date of issue			Sheet	
				1/1	



DRAWING

DRAWING VIEWS ▾ MODIFY ▾ GEOMETRY ▾ DIMENSIONS ▾ TEXT ▾ SYMBOLS ▾ INSERT ▾ TABLES ▾ **OUTPUT ▾**

Output PDF
Output DWG
Output Sheet as DXF
Output CSV

Creates a PDF file of the current drawing.

BROWSER

(Unsaved)

- Document Settings
- Sheet1
 - Sheet Settings
 - Quick Appearance v3:1
 - Bodies
 - Sketches
 - Quick Appearance v3:2
 - Bodies
 - Sketches
 - Quick Appearance v3:3
 - Bodies
 - Sketches
 - Quick Appearance v3:4
 - Bodies
 - Sketches
 - Quick Appearance v3:5
 - Bodies
 - Sketches

Orthographic Drawing

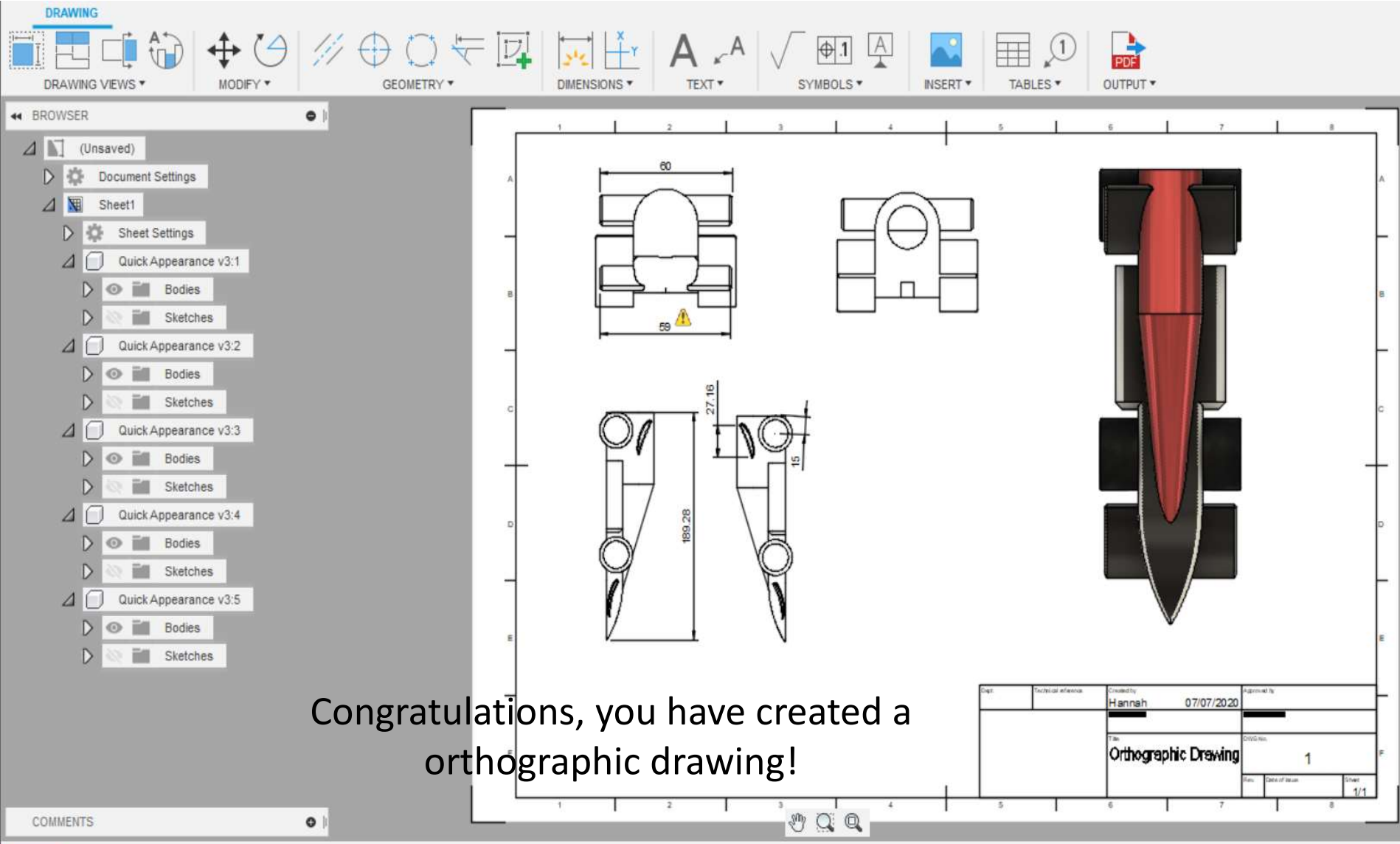
80
58
27.18
15
189.28

Dept.	Technical reference	Created by	07/07/2020	Approved by
		Hannah		
Title		Orthographic Drawing		1
Rev.	Date of issue	Sheet		1/1

COMMENTS

+

To save your orthographic drawings;
1- Click OUTPUT
2- Select Output PDF.



Congratulations, you have created a
orthographic drawing!

Dept:	Technical reference:	Created by:	Date:	Approved by:
		Hannah	07/07/2020	
Title:		Drawing number:		
Orthographic Drawing		1		
File:	Date of issue:	Sheet:		
		1/1		