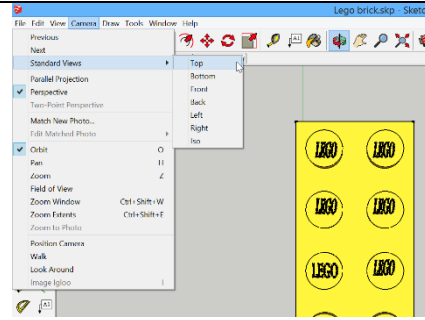
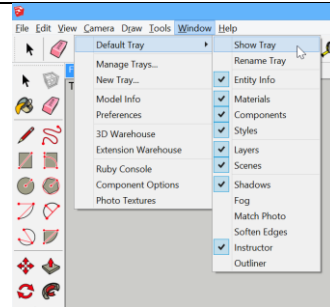


HOW TO SET UP DIMENSIONS & LAYERS FOR YOUR LEGO BRICK IN SKETCH UP

1. Select *Camera, standard views, top view*

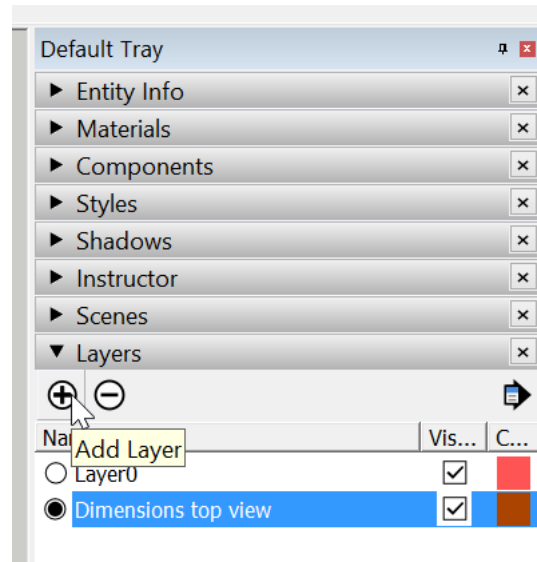


2. Select *window, default tray, show tray*

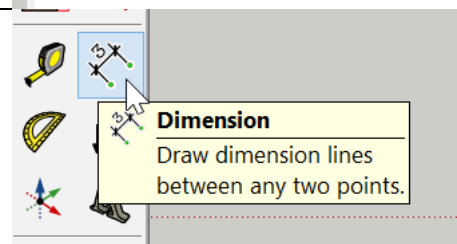


3. In the layers tab click on the **+** and then name the new layer *Dimensions top view*
4. Click on the circle next to the new layer so that it is black. (refer to the image)

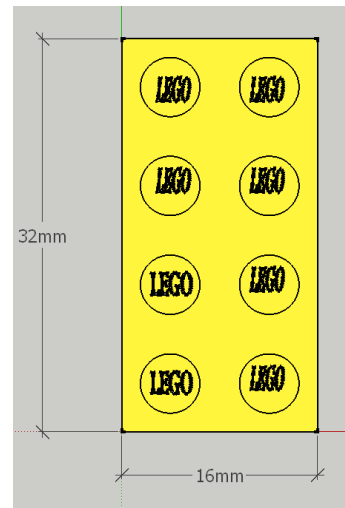
Now you have created a new layer to place the dimensions for the top view



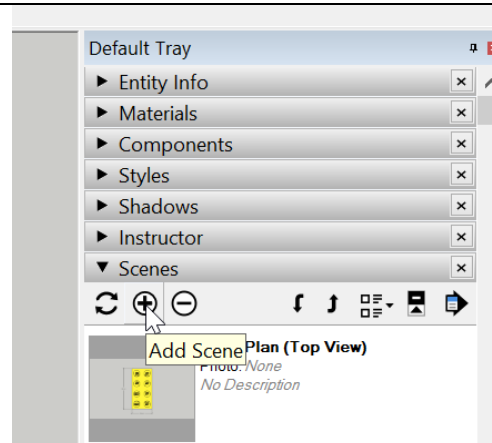
5. Select the *dimension* tool



6. Click on one corner of the lego piece, then click on the opposite corner then drag away and click for a third time to get the dimension of the lego piece.
7. Repeat this so that your dimensions look like the image.

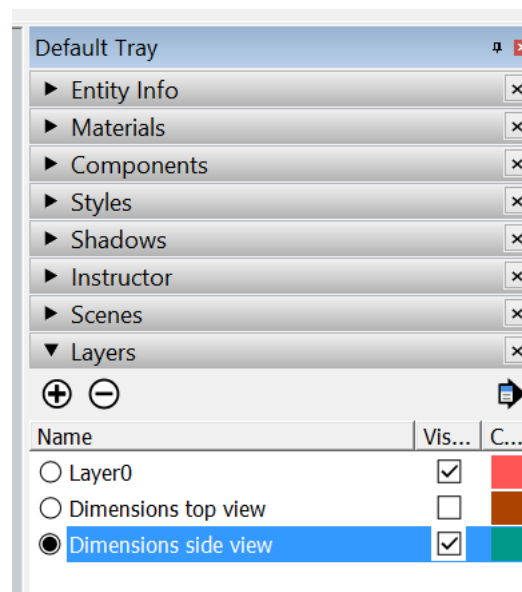


8. Select the *Scenes* tab
 9. Click on *Add Scene*.
 10. Name the scene Top View (Floor Plan)
- This view of your lego block is now saved.

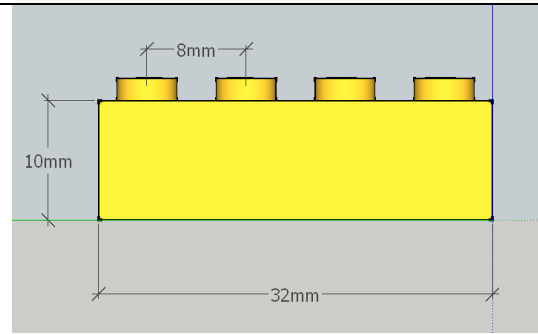


11. Select *Camera, standard views, left*
12. In the layers tab click on the **+** and then name the new layer *Dimensions side view*
13. Click on the circle next to the new layer so that it is black. (refer to the image to the right)
14. Untick Dimensions top view

Now you have created a new layer to place the dimensions for the side view

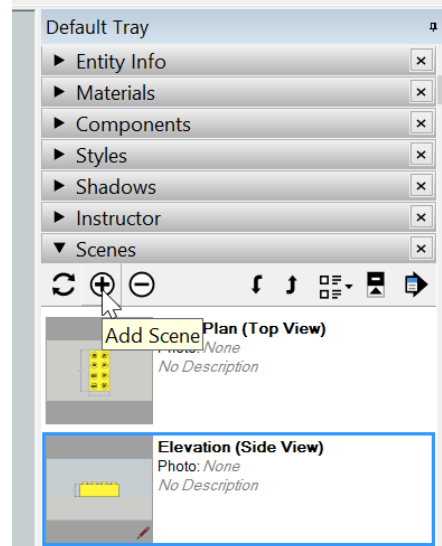


15. Select the *dimension* tool. Create dimensions for the side view of your lego brick to look like the image to the right.

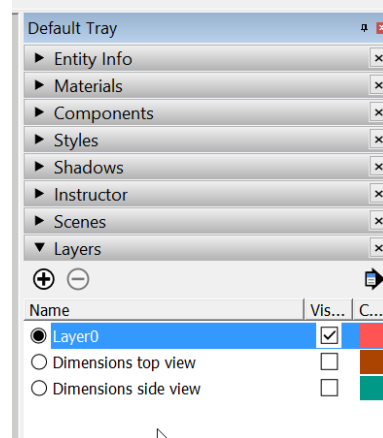


16. Select the *Scenes* tab
17. Click on *Add Scene*.
18. Name the scene Elevation (Side View)

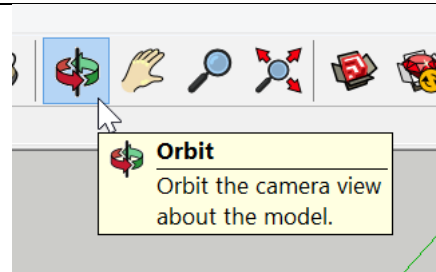
19. This view of your lego block is now saved.



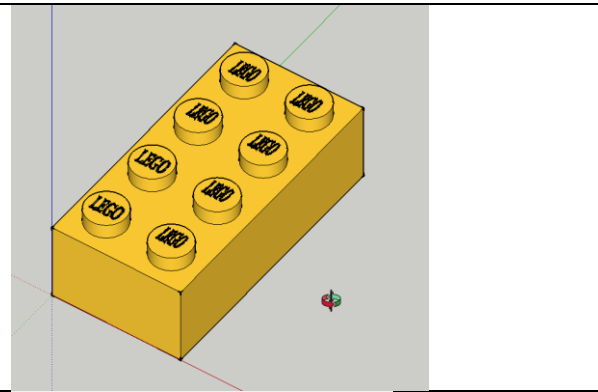
20. Select the *Layers* tab
21. Untick the layers *Dimensions top view* & *Dimensions side view*
22. Click the circle next to Layer0 so that it is coloured black (refer to the image to the right)



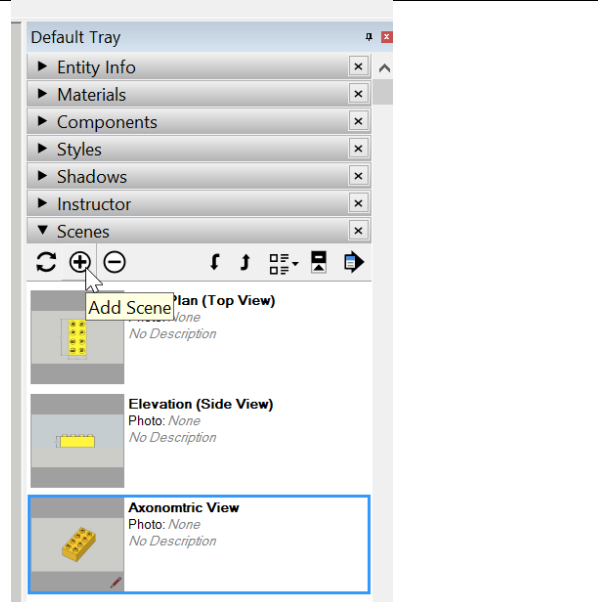
23. Select the *Orbit* tool



24. Move the lego piece around until you get a 3D view of it.



- 25. Select the *Scenes* tab
- 26. Click on *Add Scene*.
- 27. Name the scene *Axonometric View*
(This means 3D view)

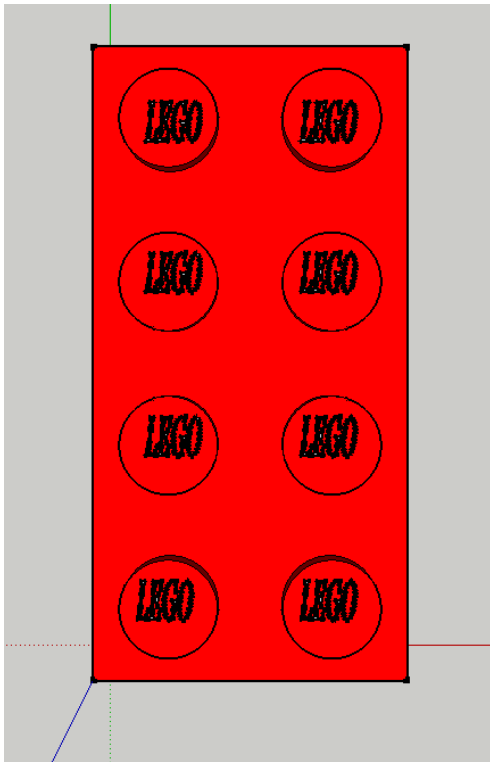


- 28. You can now take a screen shot of each of the three views you have set up with the dimensions on your lego brick.
- 29. With the three images create a page like the one on the next page.
- 30. Print it on an A4 piece of paper and you will paste this into your booklet under Skill Development Task.

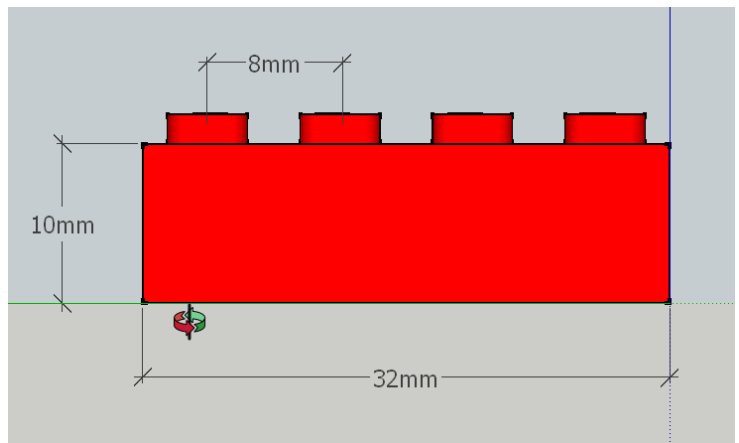
SKILL DEVELOPMENT TASK: LEGO BRICK ON SKETCH UP

NAME:

1. FLOOR PLAN (TOP VIEW)



2 ELEVATION (SIDE VIEW)



3 AXONOMETRIC VIEW

