

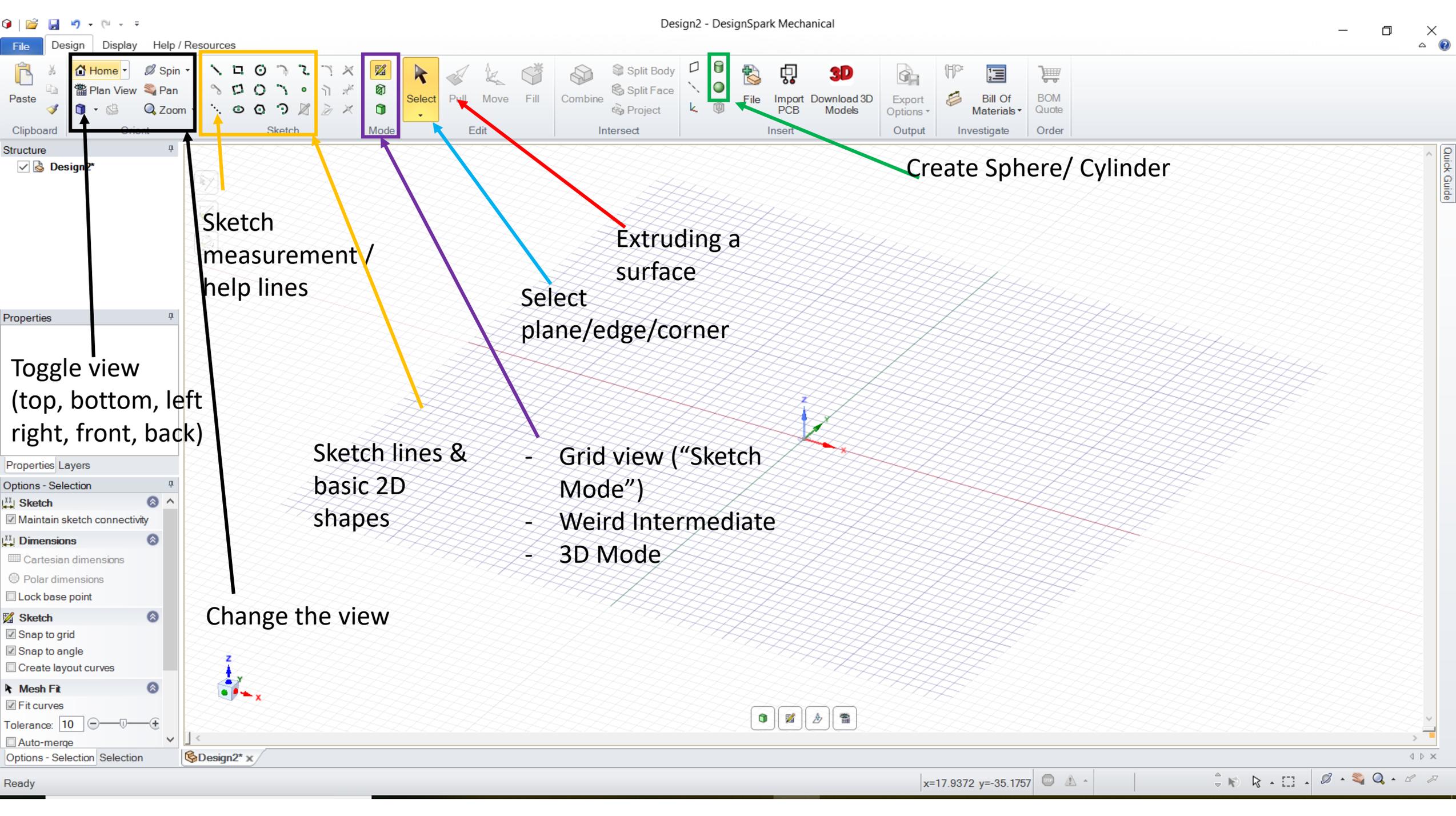
Creating a cake with Design Spark



The Krautspace is required to inform you that you'll be printed ... cake.

GlaDos by Mathew @Exterrmatt

<https://www.pixilart.com/art/glados-acbbcfaa6f42221>



Home

- Plan View
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- Zoom

Sketch

- Sketch measurement/help lines

Mode

Select

Pull

Move

Fill

Combine

Split Body

Split Face

Project

File

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Download 3D Models

Export Options

Output

Investigate

Bill Of Materials

BOM Quote

Order

Create Sphere/ Cylinder

Sketch measurement/help lines

Extruding a surface

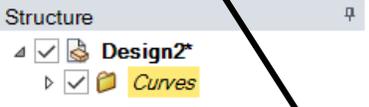
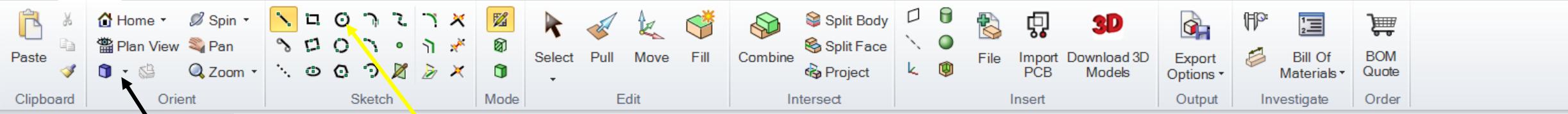
Select plane/edge/corner

Toggle view (top, bottom, left right, front, back)

Sketch lines & basic 2D shapes

- Grid view ("Sketch Mode")
- Weird Intermediate
- 3D Mode

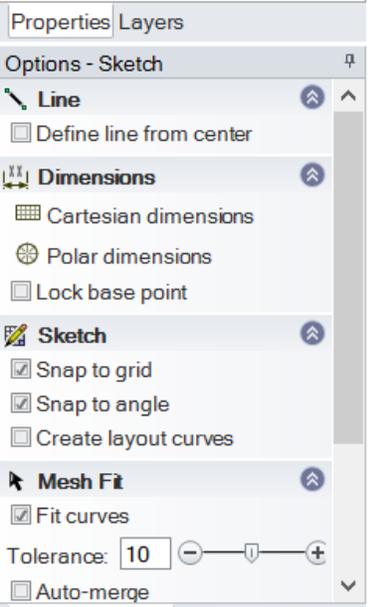
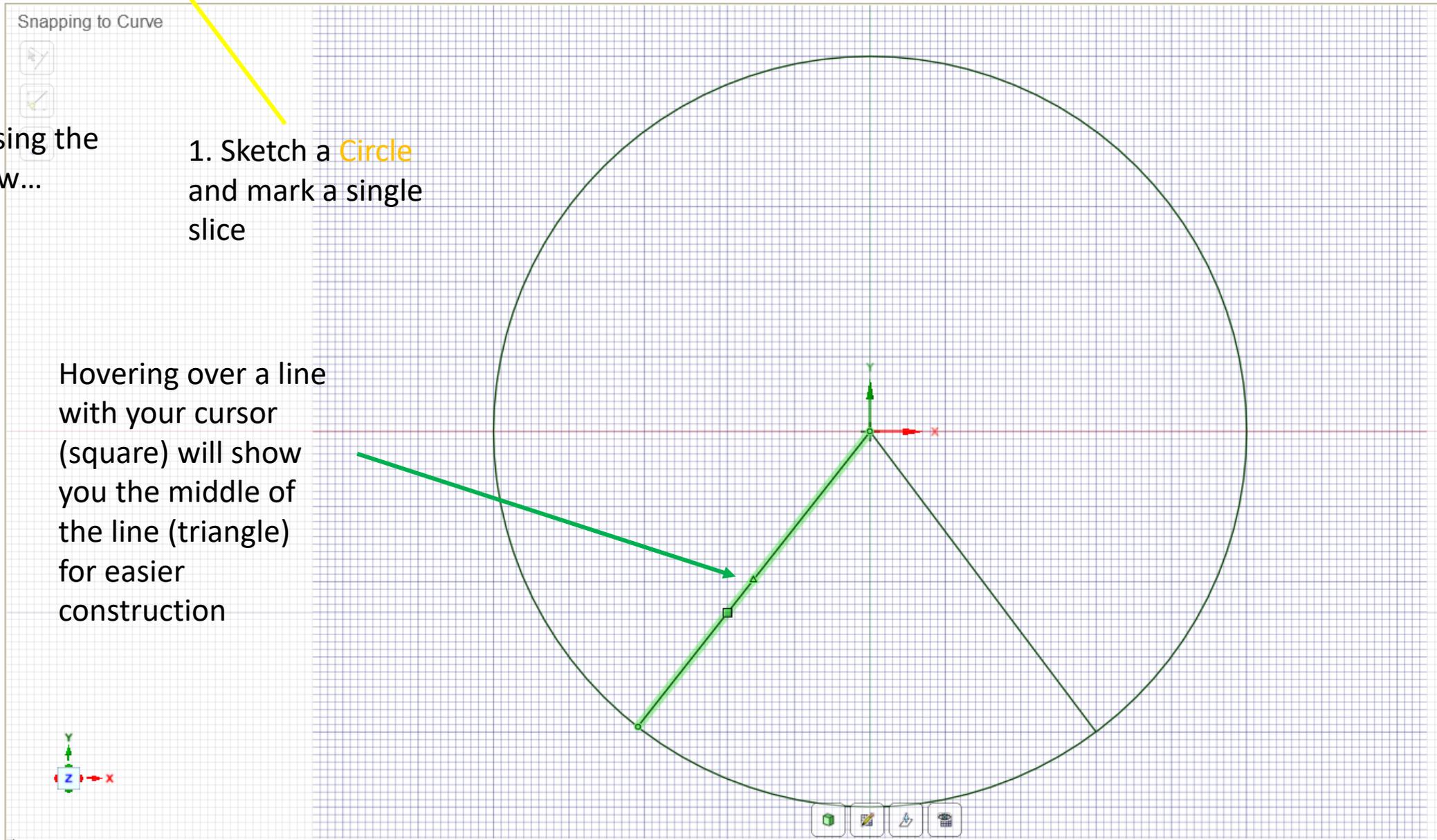
Change the view

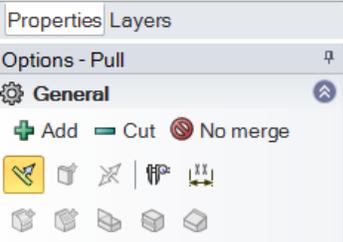
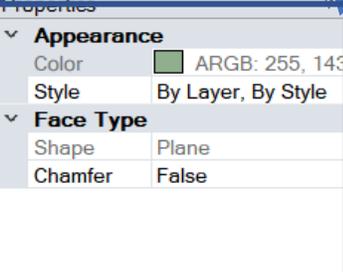
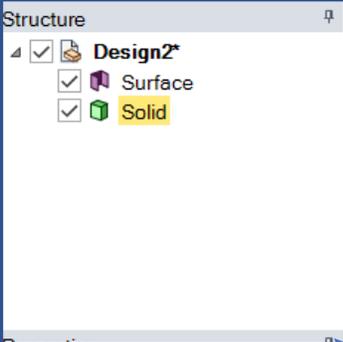
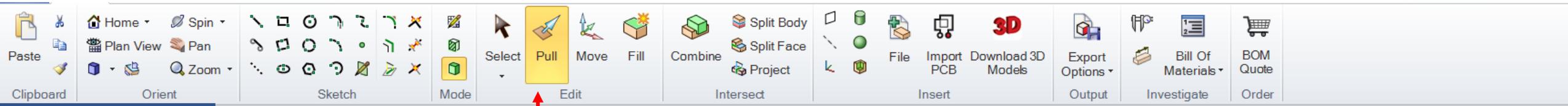


Start using the top view...

1. Sketch a Circle and mark a single slice

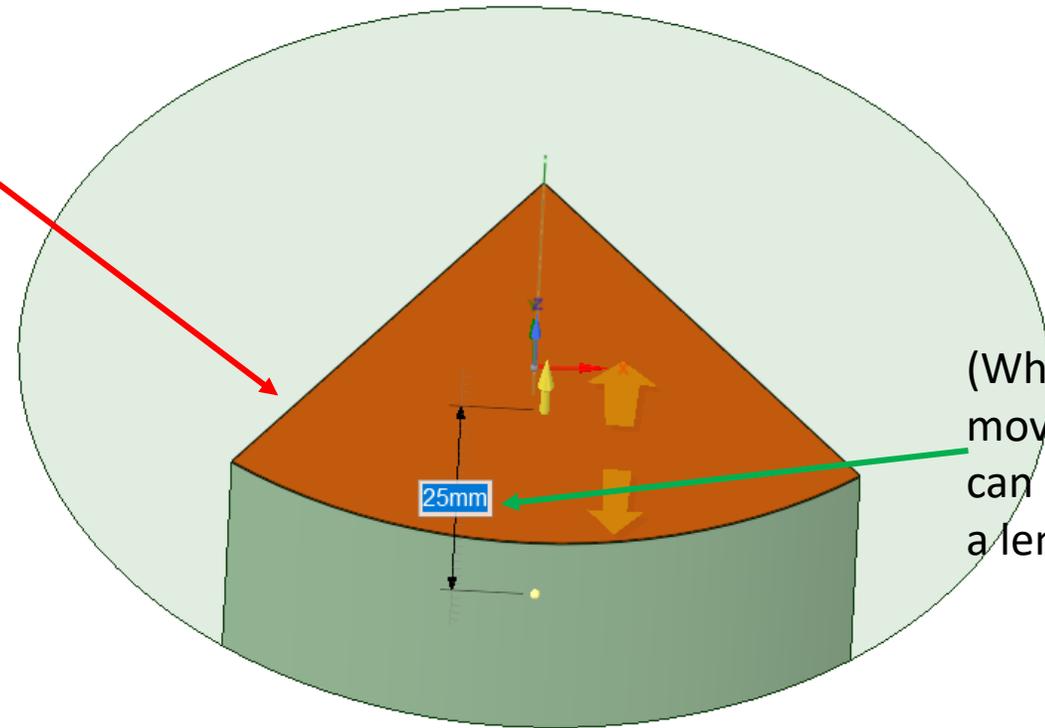
Hovering over a line with your cursor (square) will show you the middle of the line (triangle) for easier construction



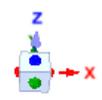


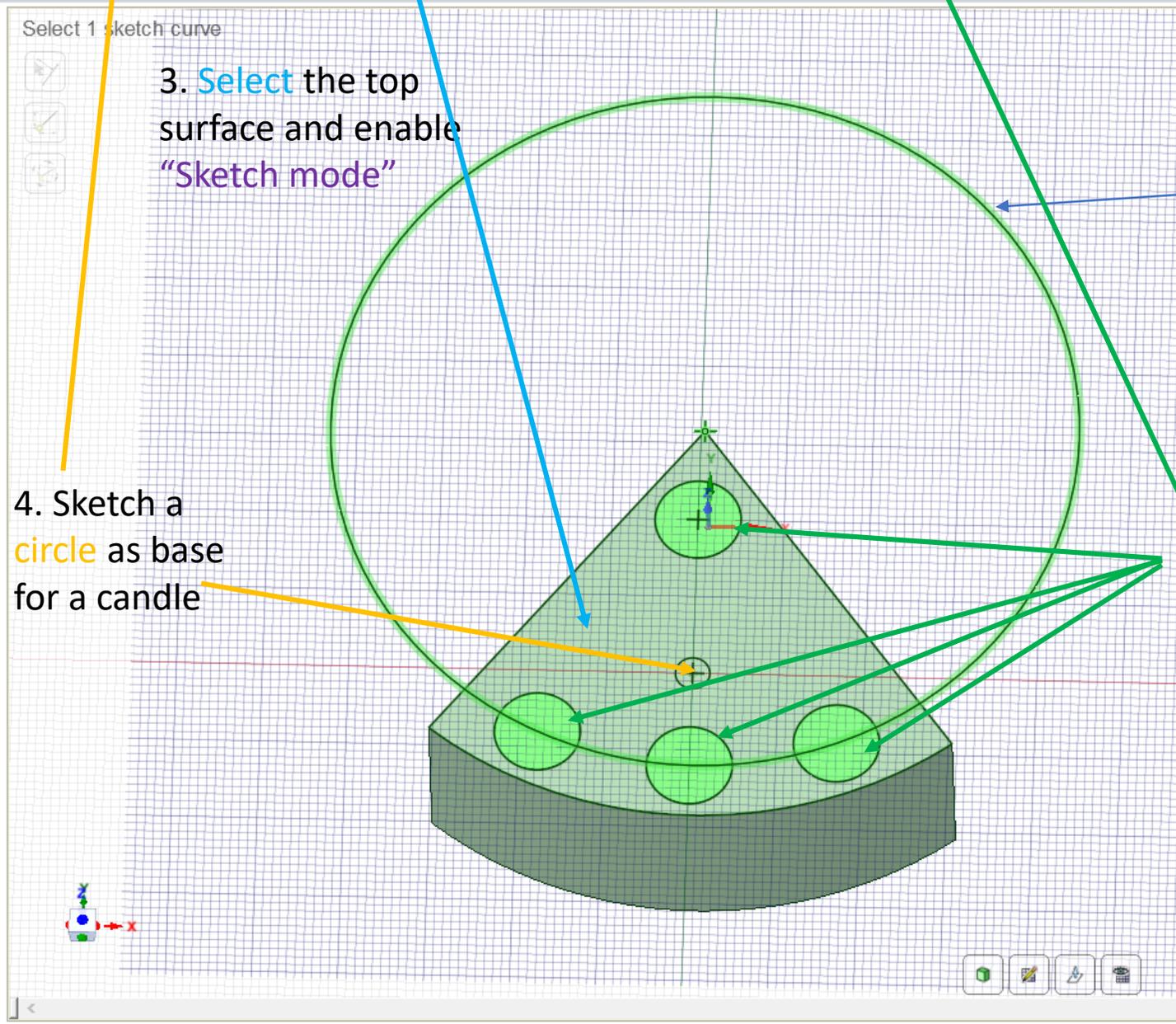
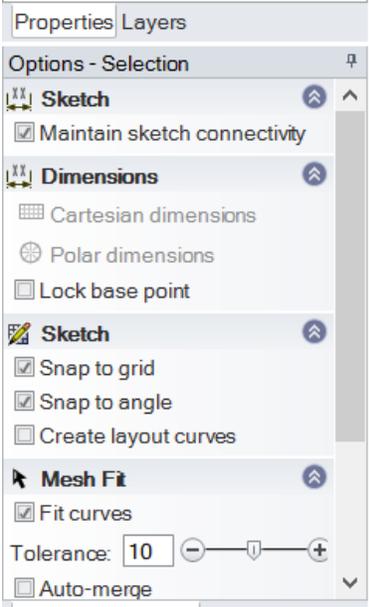
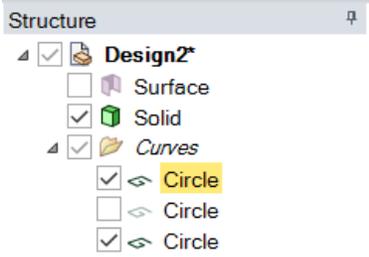
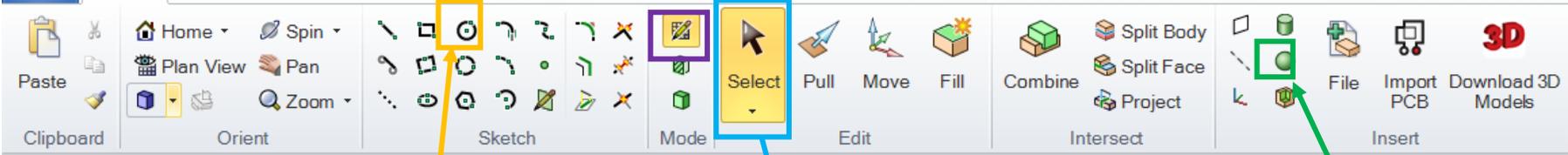
2. Select a plane and pull to create a 3D object

(The Structure tree shows all sketched lines, surfaces and solids)



(When sketching, moving or extruding you can adjust the by typing a length value (in mm))





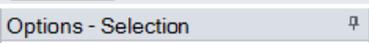
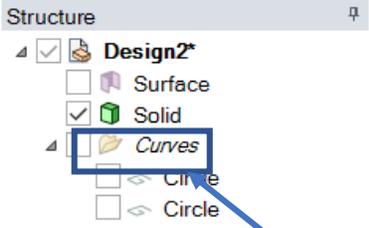
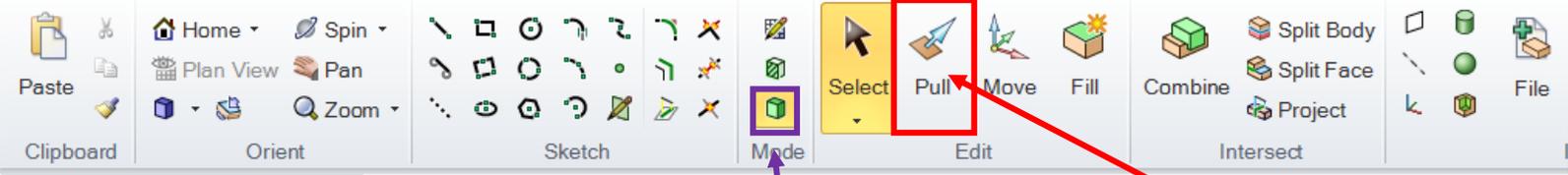
3. Select the top surface and enable "Sketch mode"

4. Sketch a circle as base for a candle

5. Draw a guiding circle to evenly place cherries on the cake...

6...which you can create with the Sphere tool

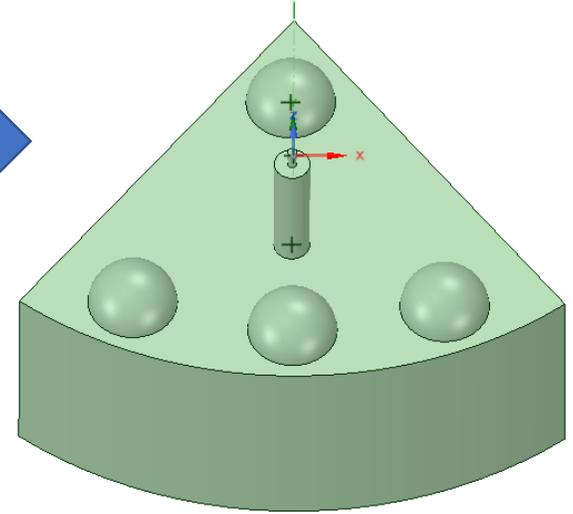
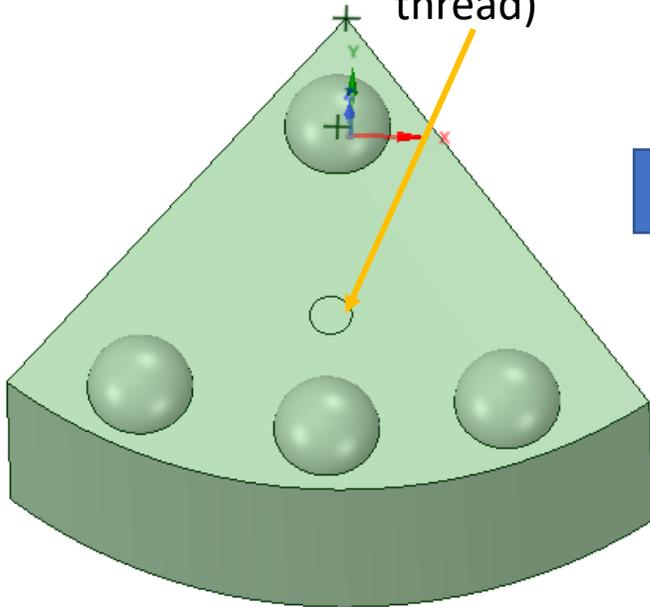
The Spheres are shown as circles because "sketch mode" displays everything on the selected surface as flat



Click an object. Double-click to select an edge loop. Triple-click to select a solid.

7. Re-enter 3D Mode and disable hide/delete the guiding circle via the structure tree

8. Pull the candle out of the circle and your done (you can then extrude a thin cylinder as a thread)



Exporting your model

