Lesson: Practice Exercise
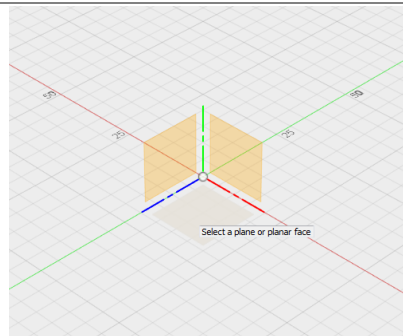
Practice: Create a solid sweep.

Learning Objectives:
- Create profile and path sketches.
- Create a solid sweep.
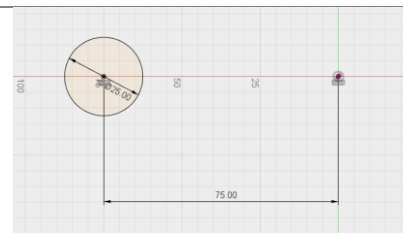
Step 1: Create a solid sweep

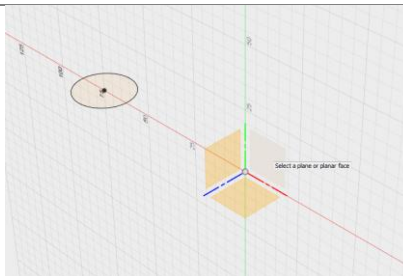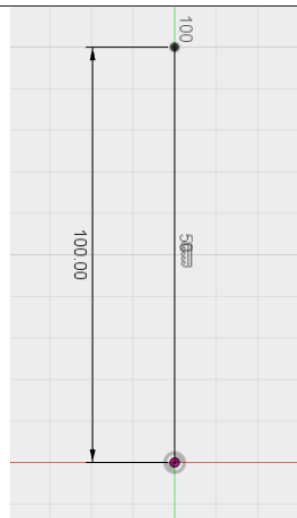|	
1. Start a new file and create a sketch on the XZ plane.	Select a plane or planar face
2. Draw a 25mm diameter center point circle 75mm to the left of the origin and stop the sketch. **Note:** Make sure the center point of the circle and the origin have a horizontal/vertical constraint.	75.00
3. Start a new sketch on the XY plane.	Select a plane or planar face
4. Draw a vertical line from the origin up a distance of 100mm and Stop Sketch.	100.00

5. Select the circle for Profile, the line for Path and set the Twist Angle to 30degrees and OK the operation. Save the file as L4-PE-01.