**LAB7 – POLYGONS and ARRAYS**

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**POLYGON**

*Enter Number of Sides (3-1024),*

*Specify Center of Circle,*

*Inscribed or Circumscribed,*

*Specify radius of Circle*

Use POLYGON (You can type it or use the drop-down from the RECTANGLE button to find POLYGON)

**Draw a TRIANGLE, Inscribed, with a Radius of 1**

**Draw a PENTAGON, Inscribed, with a Radius of 1**

**Draw an OCTAGON, Circumscribed, with a Radius of 1**

**Save As… LAB7P.dwg**

****ARRAY**

*Select Objects*

*Enter Array Type* (Rectangular, Polar, or Path)

For Rectangular…

 *Specify Opposite Corner for Objects*

 *Space the Items*

For Polar…

 *Select Objects*

 *Enter the Number of Items*

 *Enter the Angle to Fill* (360 is a complete CIRCLE)

Create your own clock like you set in LAB6. Use a Polygon instead of a simple line for the hours. Fill in small lines for the minutes.

Save As…LAB7Clock.dwg

Create a Panel Door Like in LAB6.

Save Your Door as Lab7Door.dwg