
USING THE ENCLOSED DISC

To make small circles: put the disc in the circle hole then place your pen in any hole on the disc & rotate the disc around the hole to make the specified circle.

To make small ellipses: put the disc in the ellipse hole & follow directions above.

NOTE: while rotating the disc, keep the pressure on the drawing pen to the outside of the hole.

TO DRAW SQUARES OR RECTANGLES

- (a) draw a horizontal line of any length
- (b) move the ruler either up or down any distance and draw the identical line previously drawn.
- (c) now, draw vertical lines connecting the end points of the horizontal lines drawn.

TO DRAW GEOMETRIC SHAPES

All many sided figures can be drawn very easily. Start out by making a circle, the size of the circle will determine the size of the figure. Start by drawing a radius (a line from the center of the circle to the edge of the circle), use it as a baseline and rotate the ruler to the necessary angle. Now, roll the ruler to the center of the circle and draw another radius. Now use that line as the new baseline and continue as before. Once you've drawn the same number of radius' as sides you desire, just connect the points where the radius crosses the circle and your shape is complete. You can erase the circle when done.

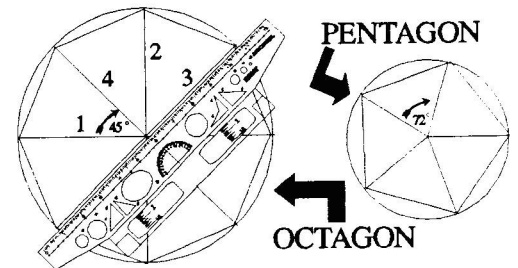
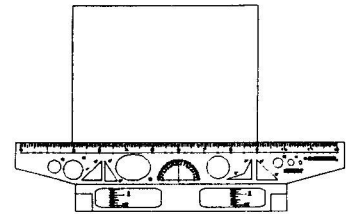
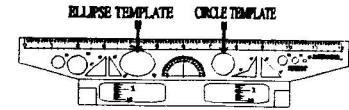
To determine the necessary angle just follow this simple formula: divide the number of sides by 360.

For example: the octagon has 8 sides = 45 degrees, the pentagon has 5 sides = 72 degrees, hexagon has 6 sides = 60 degrees, a mariners compass has 12 sides = 30 degrees, etc.

To do the octagon, start out by drawing a diameter (line #1). Without turning the ruler, draw a vertical line through the center of the circle (line #2). Rotate the ruler 45 degrees, move to the center and draw line #3. Do line #4 as you did line #2.

A five pointed star is done by drawing a pentagon, but instead of connecting consecutive points, connect every other point.

NOT AVAILABLE FOR THE 6" MODEL



MORE ON BACK

