

OBLIQUE CIRCLES – Grade 10 Drafting (#7)

Instructions:

1. Construct a 100mm by 100mm by 100mm oblique cube.
2. Place an oblique circle on the top and side of the cube.
3. A normal circle is placed on the front surface of the cube.
4. No dimensions need to be placed on the drawing.
5. Set the oblique projection up on an 8-1/2x11 layout.
6. Send the completed drawing to the hand-in drop box.

Procedure:

1. Locate the center of the oblique circle.
2. Draw an oblique square where the measurements of the square correspond to the diameter of the circle you want to draw.
3. From the center of each side of the square, project a line perpendicular to that side in the direction indicated by the above diagram.
4. When you have finished with step 3, you will have four points of intersection. Each of the points represents the center of an arc. Therefore there are four partial circles to an oblique circle.

