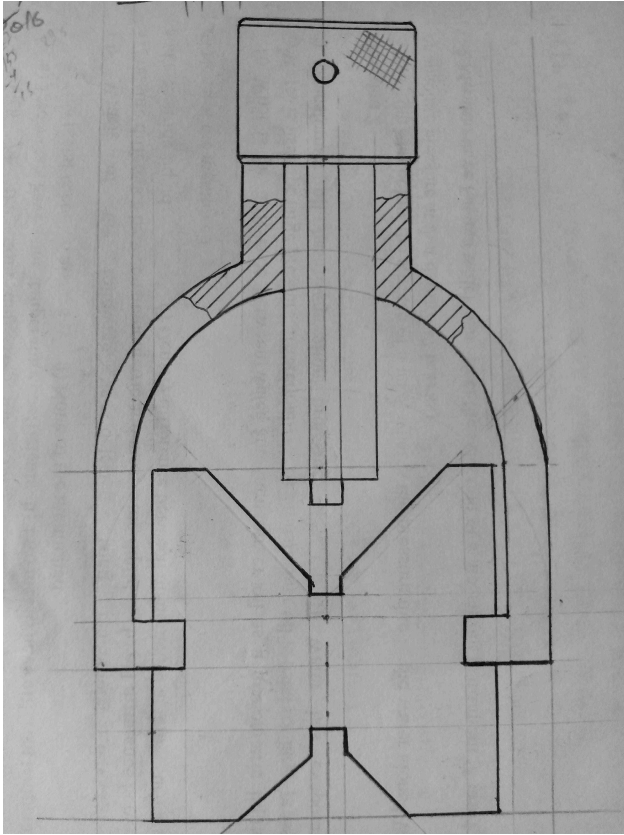


MECHANICAL DRAUGHTING 2016 - NECTA FORM FOUR

Solutions from: [Maktaba by TETEA](https://maktaba.tetea.org)

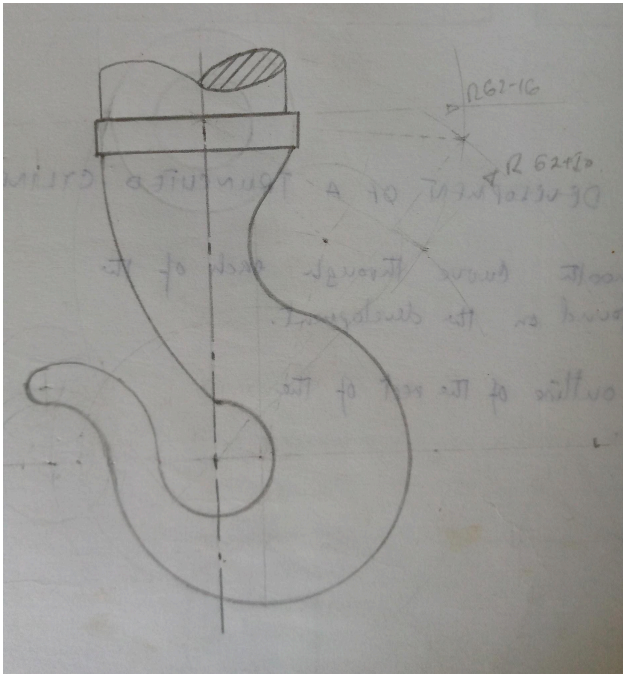
By Yohana Lazaro

1.



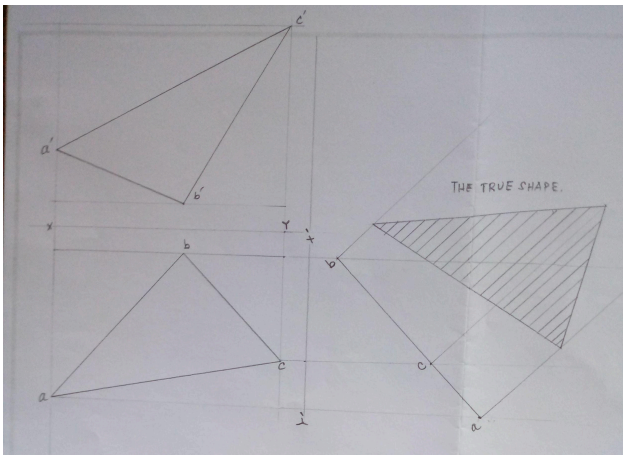
_____. Note. The figure is drawn in full scale.i.e all dimensions are used as given from the question.

2.



Hint. You have to use circles in order to make sure that you connect them in such a way that they form a required figure.

3.



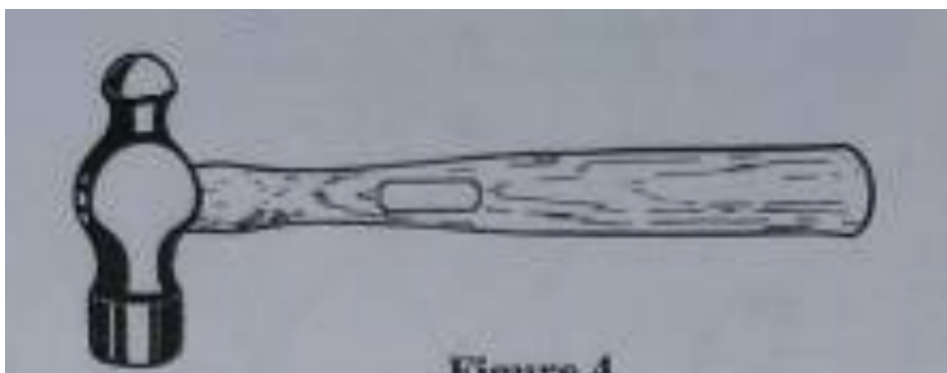
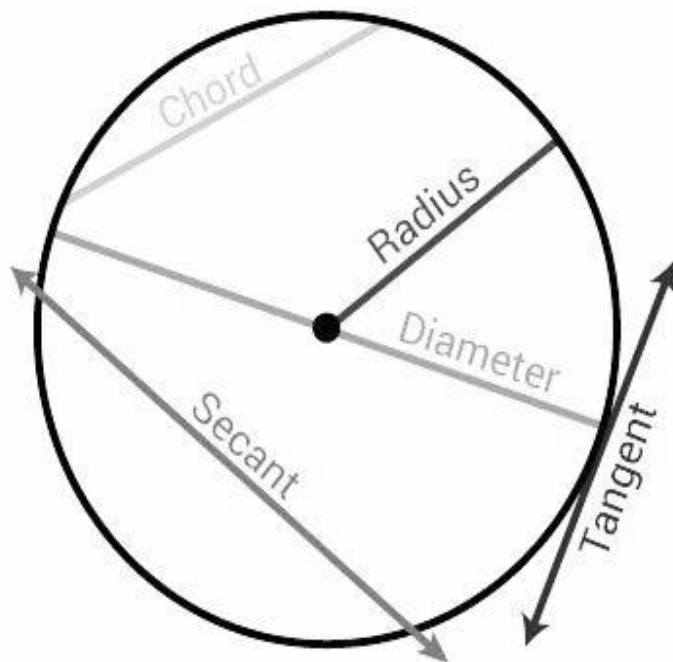
4.(a)-Circle is a simple shape consisting of points in a plane that are given a distance from fixed point, a center.

-Obtuse angle is the angle that is greater than 90° but less than 180°

-Ellipse is a regular oval shape, traced by a point moving in a plane so that the sum of its distances from two other points (foci) is constant.

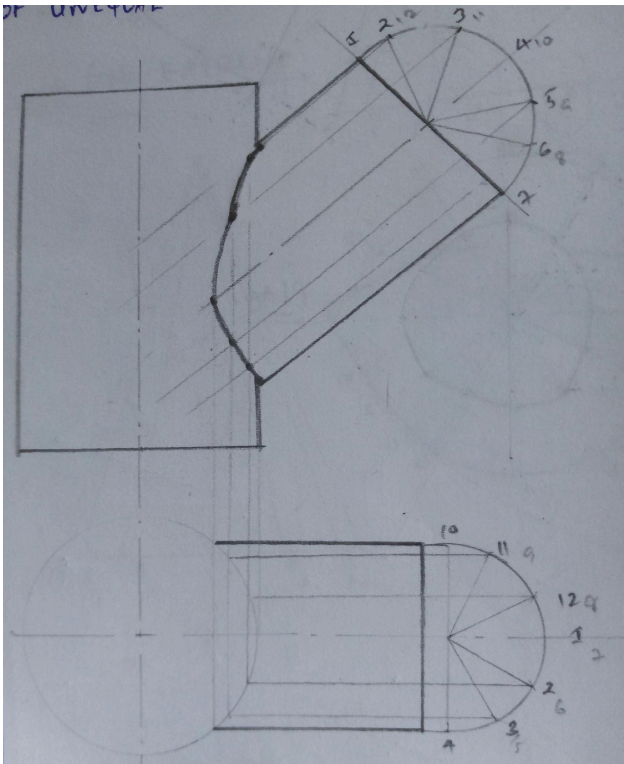
-Circumference is the perimeter of a circle or ellipse.

-Projection is the method used to represent a 3D object in simple terms so that it can be understood more easily.



(c) **Figure 4** USE HANDS ONLY.

5.



6.

