

SANGAM SKM COLLAGE - NADI
YEAR 11 TECHNICAL DRAWING
WORKSHEETS
WEEK 4 2021

14/06/21 – 18/06/21

Polygon

Given: Base AB

Required: Construct a Square, Pentagon and Hexagon on the given line AB

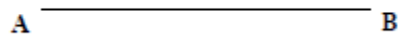
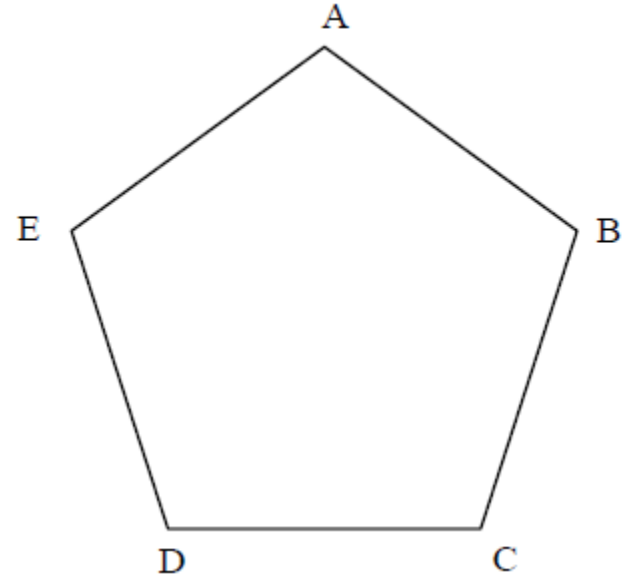
Length AB: 60MM

Centroid

Given: A Geometrical shape – Pentagon

Required: Find the Centroid

Radius of Pentagon 30MM

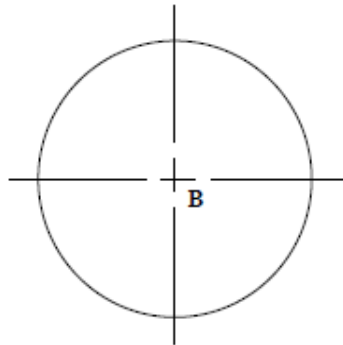
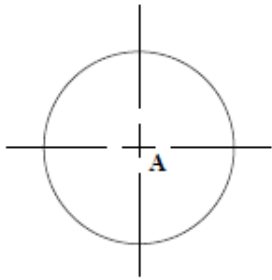


Common External Tangents

Construct an External Tangent to circle A and B. Use the sketch as a guide.

Radius: A = 25MM

B = 35MM



Conic Sections

Given: The elevation of a cone, vertex O, point P on its axis and cutting planes AA, BB, CC, DD and EE.

Required: Name the conic section formed by the cutting planes shown below.

AA: _____

BB: _____

CC: _____

DD: _____

EE: _____

