




SANGAM SKM COLLEGE - NADI
TECHNICAL DRAWING – YEAR 11
2021

WEEK 2

TOPIC: PLANE GEOMETRY

DATE: 31/05/21 to 04/06/21

<p>MONDAY – PLANE AND SPACE GEOMETRY</p> <p>1. DEFINE TECHNICAL DRAWING : _____ _____</p> <p>2. List two career paths for Technical Drawing _____ _____</p> <p>3. Draw visible , construction and hidden line below</p>	<p>TUESDAY – ANGLES On the given line AB construct the following angles 90° and 75°</p> <p style="text-align: center;">A  B</p>	<p>WEDNESDAY – TRIANGLES Draw sketches of the three common triangles</p>
<p>THURSDAY - QUADRILATERALS Given line XY. Draw a Quadrilateral</p> <p style="text-align: center;">X</p>  <p style="text-align: center;">Y</p>	<p>FRIDAY – POLYGONS On given line AB construct a hexagon and pentagon (both polygons on the same line)</p> <p style="text-align: center;">A  B</p>	

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2020

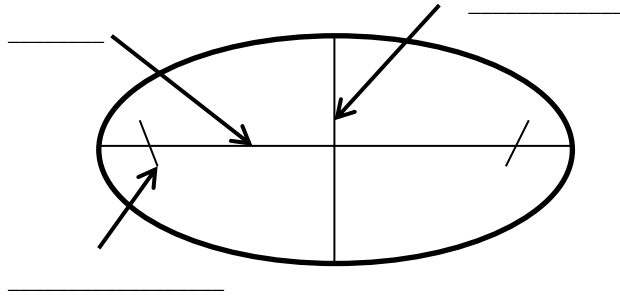
WEEK 3

TOPIC: PLANE GEOMETRY

DATE: 07/06/21 to 11/06/21

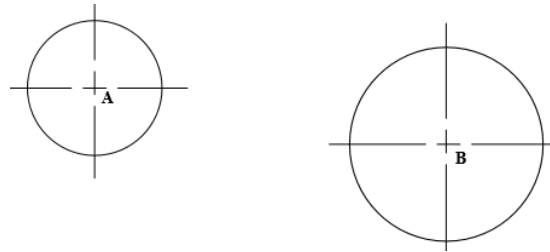
MONDAY – ELLIPSE

Label the parts of the given ellipse



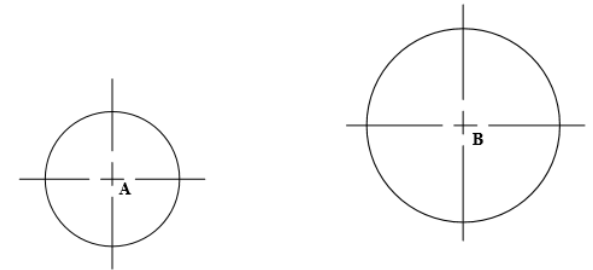
TUESDAY – TANGENTS AND TANGENCY

Draw internal tangent to two unequal circles given below



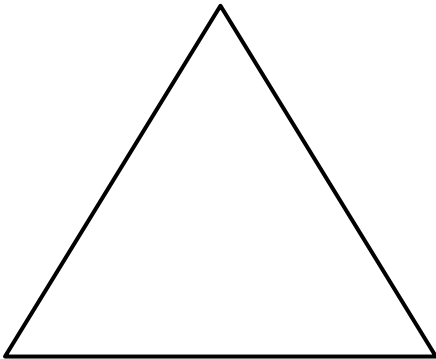
WEDNESDAY – TANGENTS AND TANGENCY

Draw external tangent to two unequal circles given below



THURSDAY – INSCRIBE /CIRCUMSCRIBE

Inscribe a circle in the triangle given below



FRIDAY – SCALES

Construct a Plain Reduction Scale of 1:50 to read Meters and Tenths of a Meter up to 3 meters
Do all the necessary calculations and draw the scale (note show all the working with proper guidelines)

Calculations:

Draw scale below