

TAVUA COLLEGE
REVISION WORKSHEET 2
YEAR 9

Day: Monday

Date: 21/06/21

Topic: Geometry

Subtopic: Basic Technical Drawing Equipment.

Label and state the function of the technical drawing equipment's shown below.

1.



2.



3.



4.



5.



6.



7.



Day: Tuesday

Date: 22/06/21

Topic: Geometry

Subtopic: Types of lines and their uses.

Draw and write the application of the types of lines below.

Line Type	Line	Application
Visible outline		
Construction line		
Dimension line		
Hidden line		
Center line		
Cutting plane line		

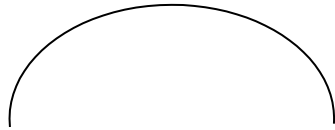
Day: Wednesday

Date: 23/06/21

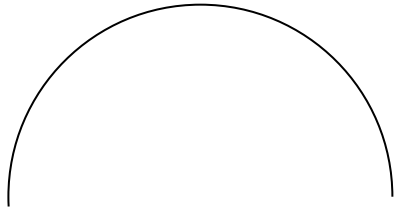
Topic: Geometry

Subtopic: Arcs

1. **Required:** Draw an arc of 25mm and bisect it.



2. **Required:** Draw an arc of 25mm and Quadrisect it.



Day: Thursday

Date: 24/06/21

Topic: Geometry

Subtopic: Lines

1. **Required:** Draw a 50mm line divide it into 3 equal parts.



2. Draw a 50mm line and divide it into a ratio of 1:3



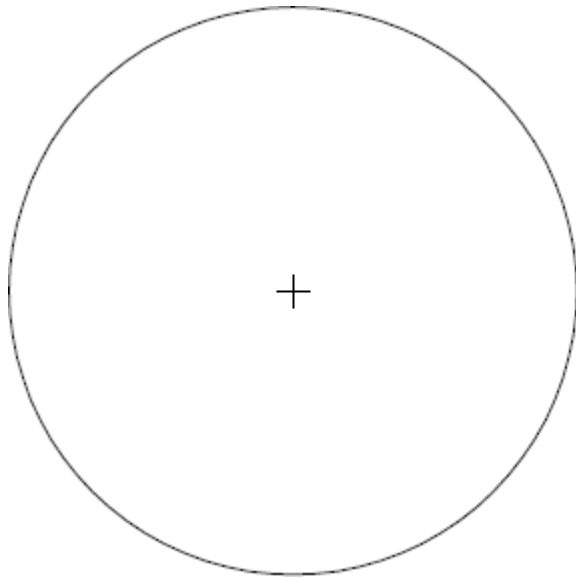
Day: Friday

Date: 25/06/21

Topic: Geometry

Subtopic: Circles

Required: Draw a circle of 35mm and divide it into 12 equal parts.



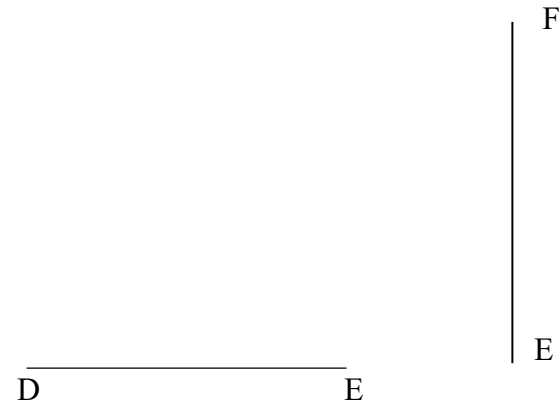
Day: Monday

Date: 28/06/21

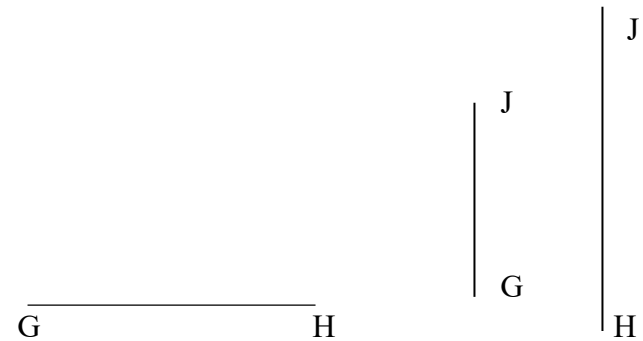
Topic: Geometry

Subtopic: Triangle

1. **Given:** Base line DE of 30mm and side EF of 50mm
Required: Construct an isosceles triangle DEF



2. **Required:** Draw a scalene triangle of base line GH of 35mm, side GJ of 25mm and side HJ of 40mm.



Day: Tuesday and Wednesday

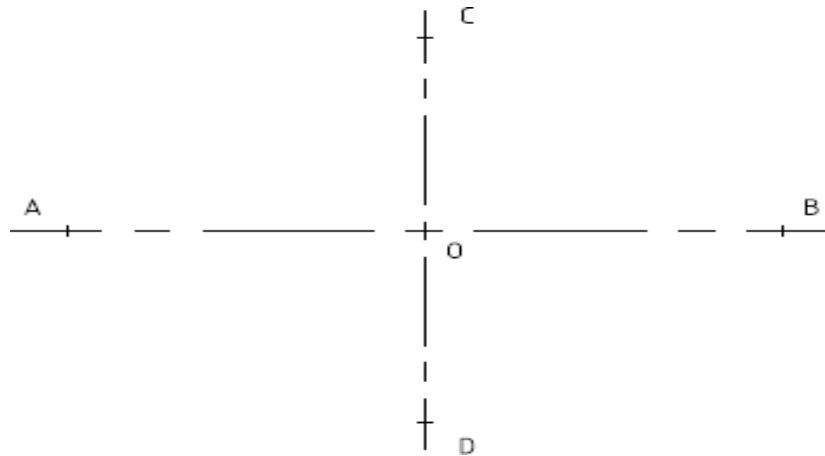
Date: (29/06/21) - (30/06/21)

Topic: Geometry

Subtopic: Ellipse

1. **Given:** A major axis AB of 85mm and minor axis CD of 45mm

Required: Construct an ellipse using concentric circle method.



Day: Thursday

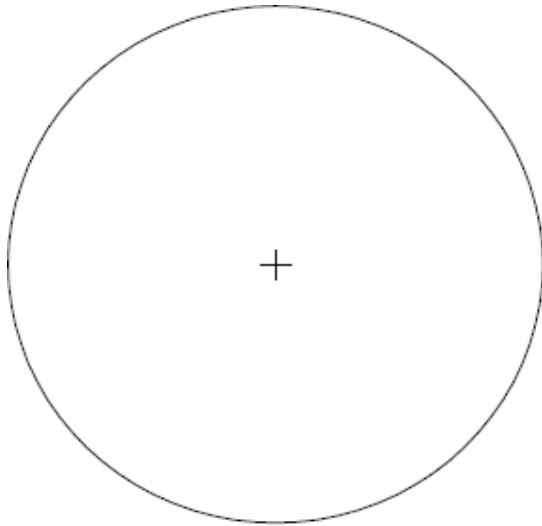
Date: 01/07/21

Topic: Geometry

Subtopic: Polygon

Given: A circle of radius 30mm.

Required: Construct a regular pentagon within the given circle.



Day: Friday

Date: 02/07/21

Topic: Geometry

Subtopic: Polygon

Given: A circle of radius 30mm.

Required: Construct a regular hexagon within the given circle.

