

QUESTION 2.1: SOLID GEOMETRY

Given:

- The front view of a equilateral square prism with section line PQ.
- The base side length of the equilateral square prism is 35 mm.
- Start position S.

Instructions:

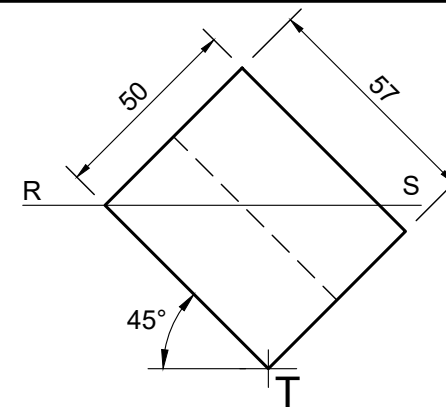
Draw to a scale of 1 : 1, the following views of the solid:

- 2.1 The given front view
- 2.2 The top view
- 2.3 A sectioned left view

Note:

- Planning is essential.
- Use point S on this diagram sheet as the start position.
- Show all construction lines.
- Show all hidden detail.

+S



QUESTION 2.2: SOLID GEOMETRY

Given:

- The front view of a equilateral triangular prism with section line RS.
- The base side length of the equilateral triangular prism is 50 mm.
- Start position T

Instructions:

Draw to a scale of 1 : 1, the following views of the solid:

- 2.1 The given front view
- 2.2 A sectioned top view
- 2.3 The left view

Note:

- Planning is essential.
- Use point T on this diagram sheet as the start position.
- Show all construction lines.
- Show all hidden detail.

+T

ASSESSMENT CRITERIA			
1	AUXILIARY VIEW	8	
2	FRONT VIEW	6	
3	TOP VIEW	12	
4	A SECTIONED LEFT VIEW	13	
PENALTIES (-1)			
TOTAL		39	

ASSESSMENT CRITERIA			
1	AUXILIARY VIEW	7	
2	FRONT VIEW	6	
3	SECTIONED TOP VIEW	12	
4	LEFT VIEW	7	
PENALTIES (-1)			
TOTAL		32	



SOLID GEOMETRY	ESTIMATED TIME FOR COMPLETION	35 MIN	GRADE 10	NAME & SURNAME		TASK	PAGE
	YOUR TIME OF COMPLETION	MIN				7.19	2.19