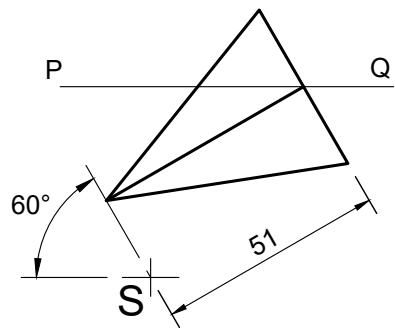


QUESTION 2.1: SOLID GEOMETRY



Given:

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

Instructions:

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

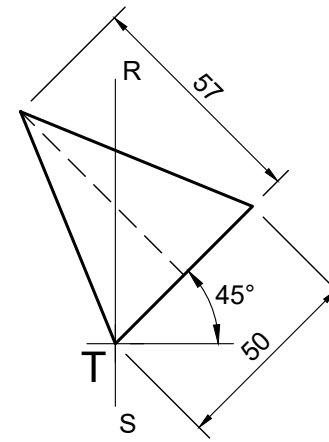
- 2.1 The given front view
- 2.2 A sectional top view
- 2.3 The left view

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 pyramid with section line RS.
- The base side length of the equilateral triangular pyramid 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 The top view
- 2.3 A sectional 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	10	
2	FRONT VIEW	6	
3	SECTIONAL TOP VIEW	11	
4	LEFT VIEW	9	
PENALTIES (-1)			
TOTAL		36	

ASSESSMENT CRITERIA			
1	AUXILIARY VIEW	10	
2	FRONT VIEW	6	
3	TOP VIEW	6	
4	SECTIONAL LEFT VIEW	8	
PENALTIES (-1)			
TOTAL		30	



SOLID GEOMETRY

ESTIMATED TIME FOR COMPLETION

35 MIN

GRADE

10

NAME & SURNAME

TASK

7.22

PAGE

2.22