

**QUESTION 2: SOLID GEOMETRY**

**Given:**

- The front view of an equilateral pentagonal pyramid.
- The base side length of the equilateral pentagonal pyramid is 28 mm.
- Point S as the start position.

**Instructions:**

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

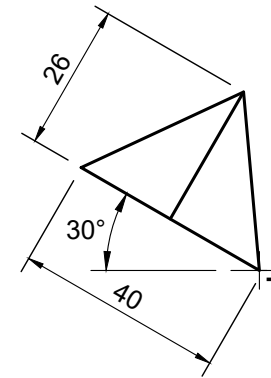
- 2.1 The given front view
- 2.2 The top view
- 2.3 The left view

**Note:**

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

S+

ASSESSMENT CRITERIA			
1	AUXILIARY VIEW	14	
2	FRONT VIEW	6	
3	TOP VIEW	9	
4	LEFT VIEW	8	
PENALTIES (-1)			
<b>TOTAL</b>		<b>37</b>	



**QUESTION 2: SOLID GEOMETRY**

**Given:**

- The front view of a equilateral hexagonal pyramid.
- The across distance at the base, from side to side of the equilateral hexagonal pyramid is 40 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 The right view

**Note:**

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

T+

ASSESSMENT CRITERIA			
1	AUXILIARY VIEW	12	
2	FRONT VIEW	4	
3	TOP VIEW	8	
4	RIGHT VIEW	8	
PENALTIES (-1)			
<b>TOTAL</b>		<b>32</b>	



**SOLID GEOMETRY**

ESTIMATED TIME FOR COMPLETION

30 MIN

GRADE

**10**

NAME & SURNAME

TASK  
7.15

PAGE  
2.15