

STAPEL

**QUESTION 2: SOLID GEOMETRY**

**Given:**

- The front view of a cylinder
- The auxiliary view of the cylinder
- The cutting plane A-A

**Specification:**

The solid is cut by the cutting plane A-A

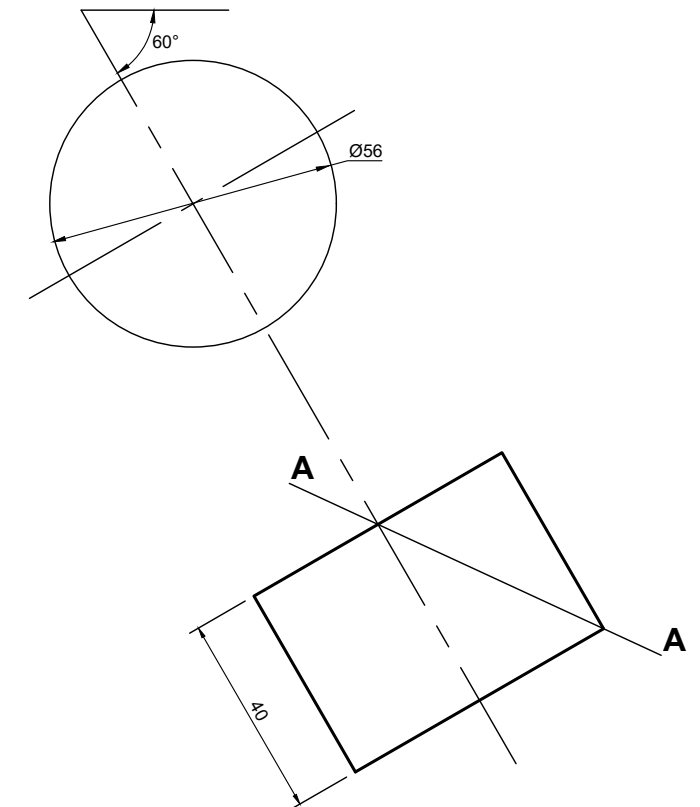
**Instructions:**

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

- 2.1 The given front view
- 2.2 A sectioned top view
- 2.3 A sectional right view
- 2.4 The true shape of the cut surface

**Note:**

- Planning is essential
- Show all construction lines
- Show all hidden detail



ASSESSMENT CRITERIA			
1	AUXILIARY VIEW & FRONT VIEW ( $\frac{14}{2}$ )	7	
2	TOP VIEW ( $\frac{18}{2}$ )	9	
3	SECTIONAL LEFT VIEW ( $\frac{16}{2}$ )	8	
4	TRUE SHAPE ( $\frac{14}{2}$ )	7	
TOTAAL		31	



**SOLID GEOMETRY**

ESTIMATED TIME FOR COMPLETION	35 MIN
YOUR TIME FOR COMPLETION	MIN

GRADE

INITIALS &  
SURNAME

TASK  
**8.7**

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