

QUESTION 3: ISOMETRIC

Given:

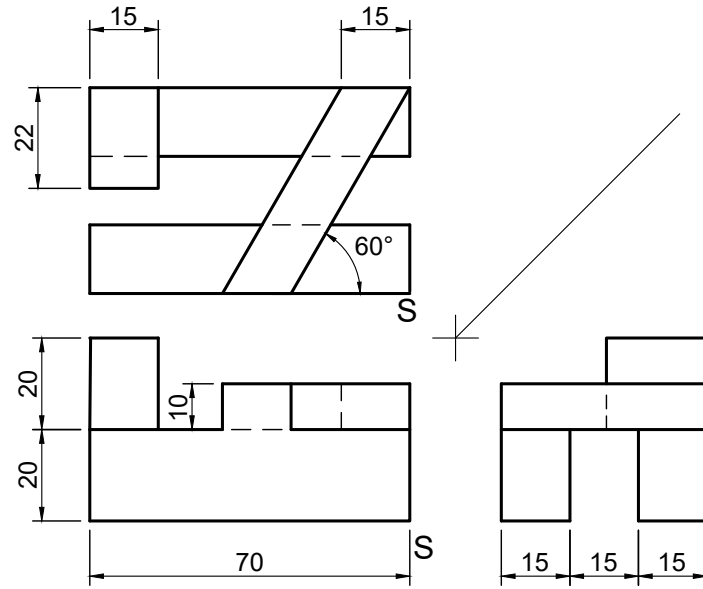
The front view, top view and right view of a casting.
The position of point S on the diagram sheet.

Instructions:

Use a scale of 1 : 1 and convert the orthographic views of the casting into an isometric drawing.

- Make S the lowest point of the drawing.
- Show all necessary constructions.
- NO hidden detail is required.

[23]



S

ASSESSMENT CRITERIA			
1	START POSITION	2	
2	AUXILIARY VIEW	3	
3	BASE	10	
4	UPRIGHT PART	8	
PENALTIES (1)			
SUBTOTAL		23	

QUESTION 3: ISOMETRIC

Given:

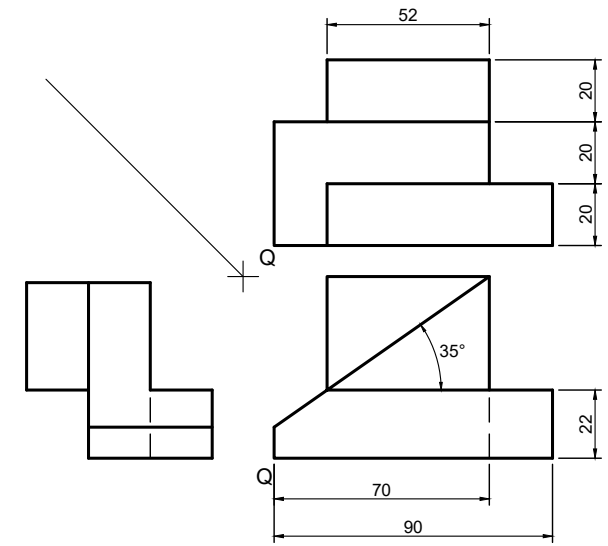
The front view, top view and left view of a casting.
The position of point Q on the diagram sheet.

Instructions:

Use a scale of 1 : 1 and convert the orthographic views of the casting into an isometric drawing.

- Make Q the lowest point of the drawing.
- Show all necessary constructions.
- NO hidden detail is required.

[15]



Q

ASSESSMENT CRITERIA			
1	START POSITION	2	
2	AUXILIARY VIEW	2.5	
3	BASE	7	
4	UPRIGHT PART	3.5	
PENALTIES (-)			
SUBTOTAL		15	
GRANT TOTAL		42	



ISOMETRIC DRAWING

ESTIMATED TIME FOR COMPLETION
YOUR TIME OF COMPLETION

36 MIN
MIN

GRADE
10

NAME &
SURNAME

TASK
6.4

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