higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

MARKING GUIDELINE

NATIONAL CERTIFICATE

PLATING AND STRUCTURAL STEEL DRAWING N1

22 November 2023

This marking guideline consists of 9 pages.

Copyright reserved

QUESTION 1: TRUNCATED PYRAMID

ACTIVITY	MARK
Top view	3
Front view	2
True shape of the cut	6
Linework	1
Accuracy	2
Title and scale	1
TOTAL	15

QUESTION 2: PIPE SET

ACTIVITY	MARK
Given view	3
Pattern of the plate	8
Linework	1
Accuracy	2
Title and scale	1
TOTAL	15

QUESTION 3: RIGHT CONE

ACTIVITY	MARK
Given view	2
Pattern of the plate	10
Linework	1
Accuracy	1
Title and scale	1
TOTAL	15

QUESTION 4: LOBSTER-BACK

ACTIVITY	MARK
Given view	5
Pattern of the plate	8
Accuracy	1
Title and scale	1
TOTAL	15

Copyright reserved

QUESTION 5: OBLIQUE T-PIECE

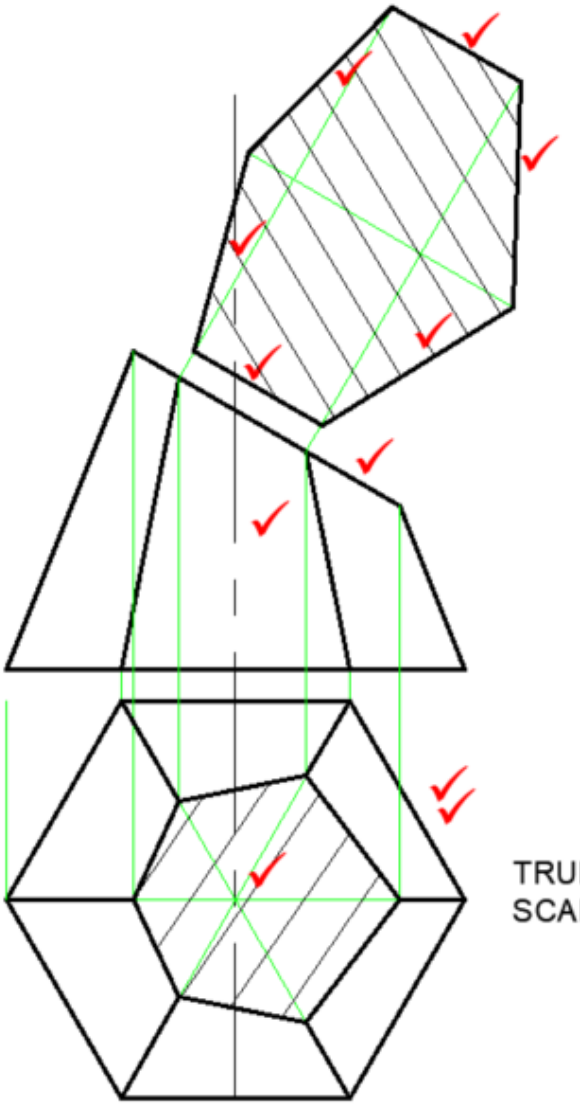
ACTIVITY	MARK
Given views	5
Line of penetration	3
Shape of the hole	4
Pattern of the plate	7
Title and scale	1
TOTAL	20

QUESTION 6: RECTANGLE-TO-RECTANGLE

ACTIVITY	MARK
Given views	3
Pattern of the plate	12
Linework	2
Accuracy	2
Title and scale	1
TOTAL	20

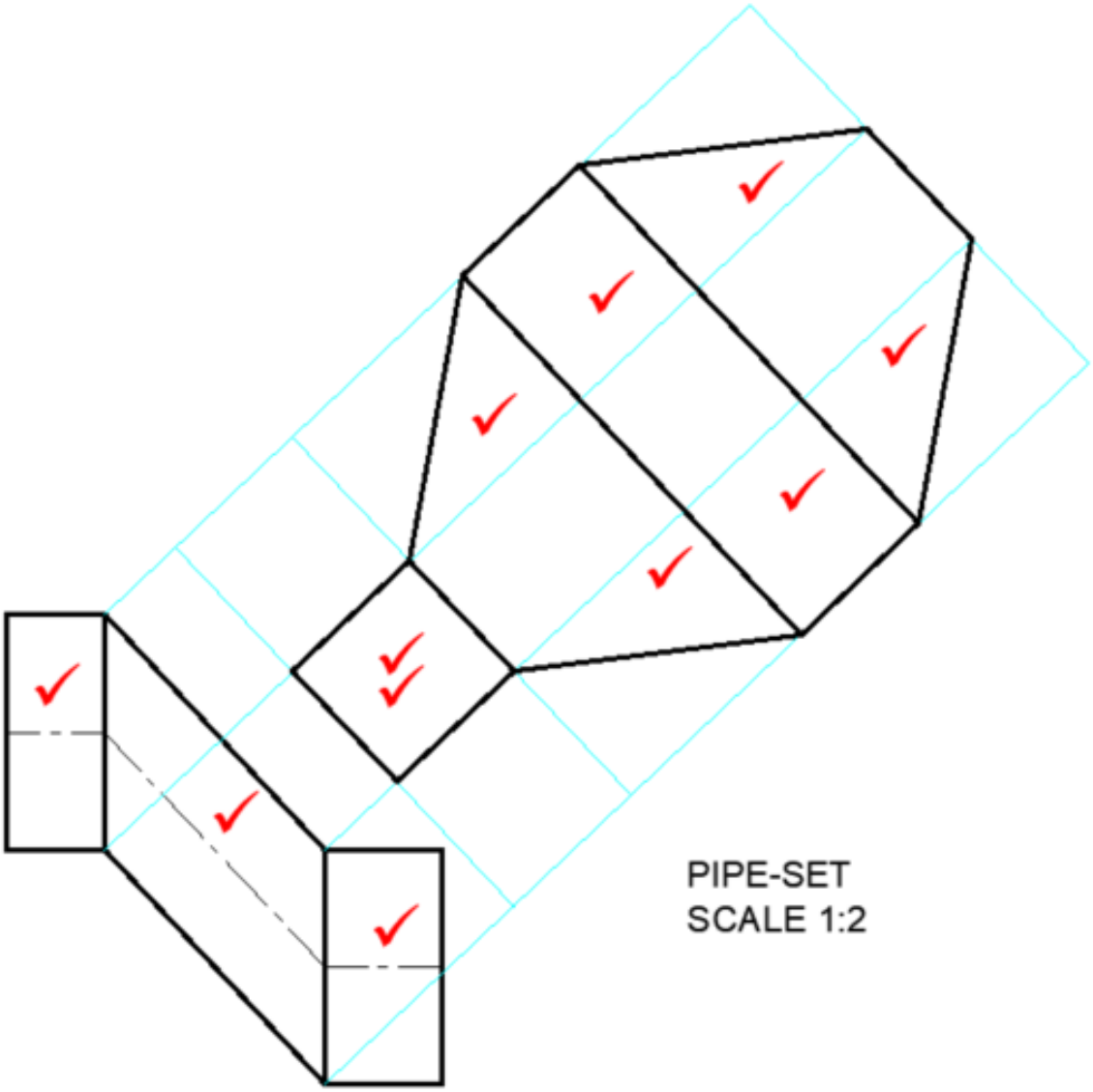
Copyright reserved

QUESTION 1



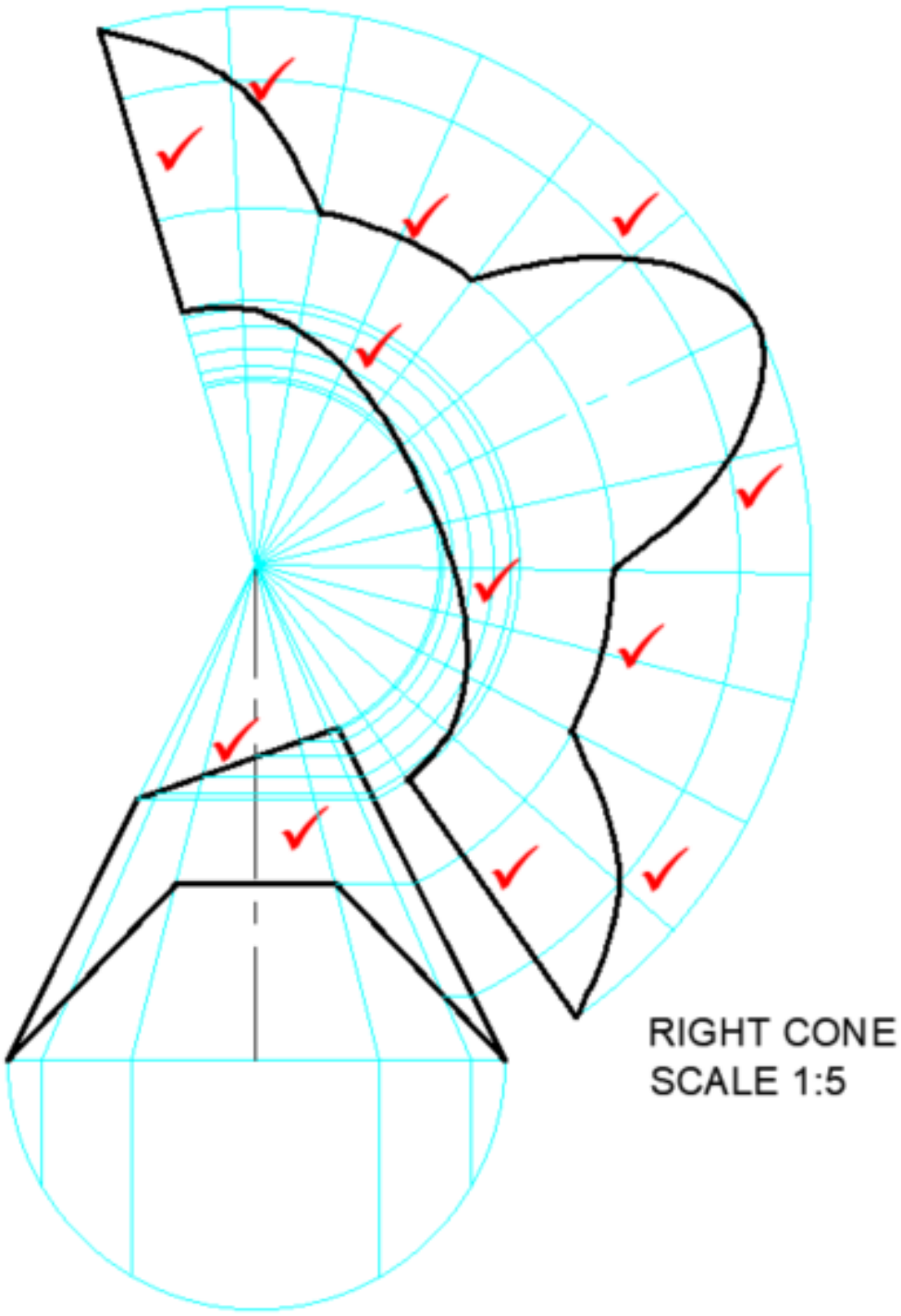
Copyright reserved

QUESTION 2



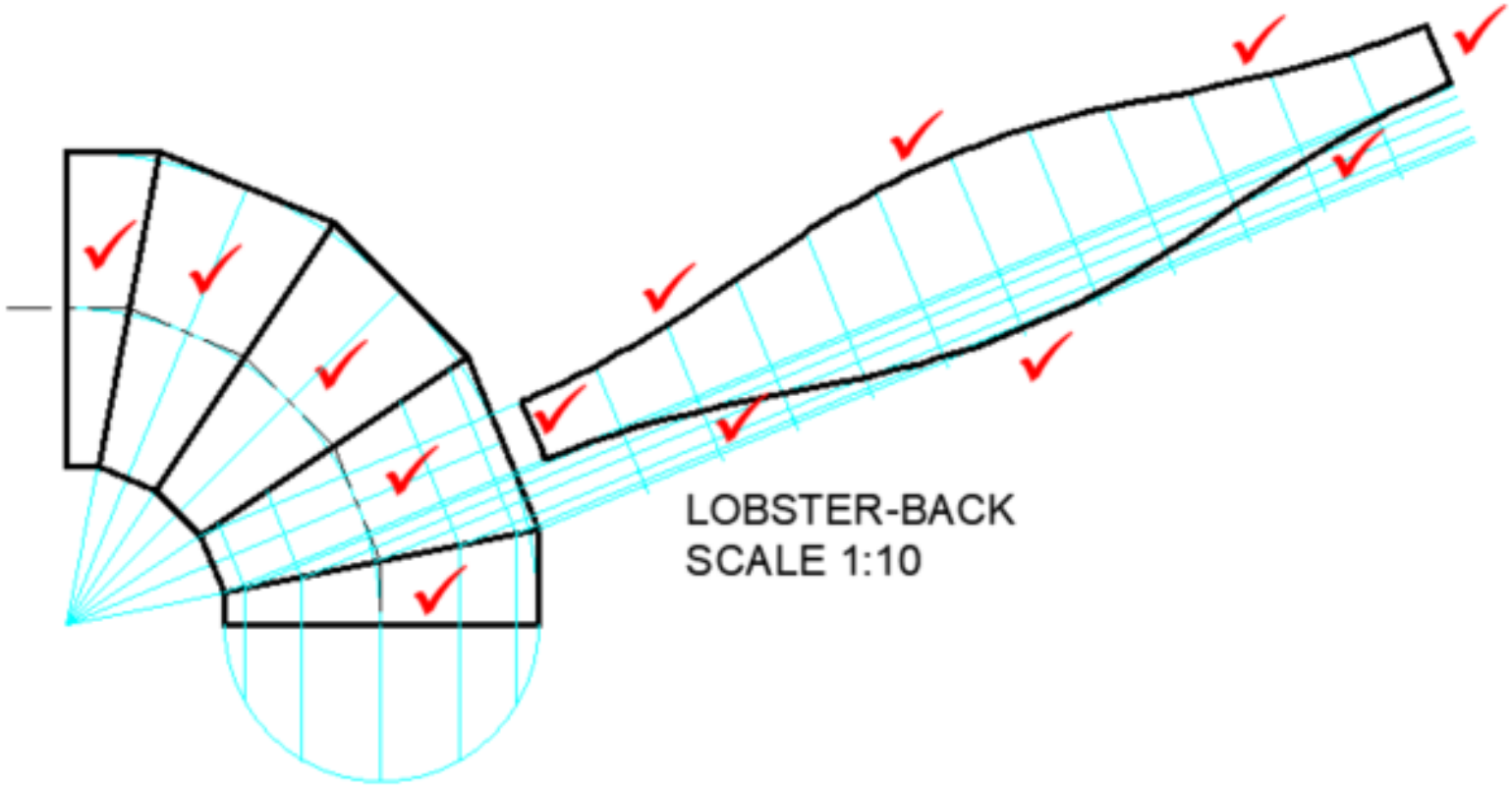
Copyright reserved

QUESTION 3



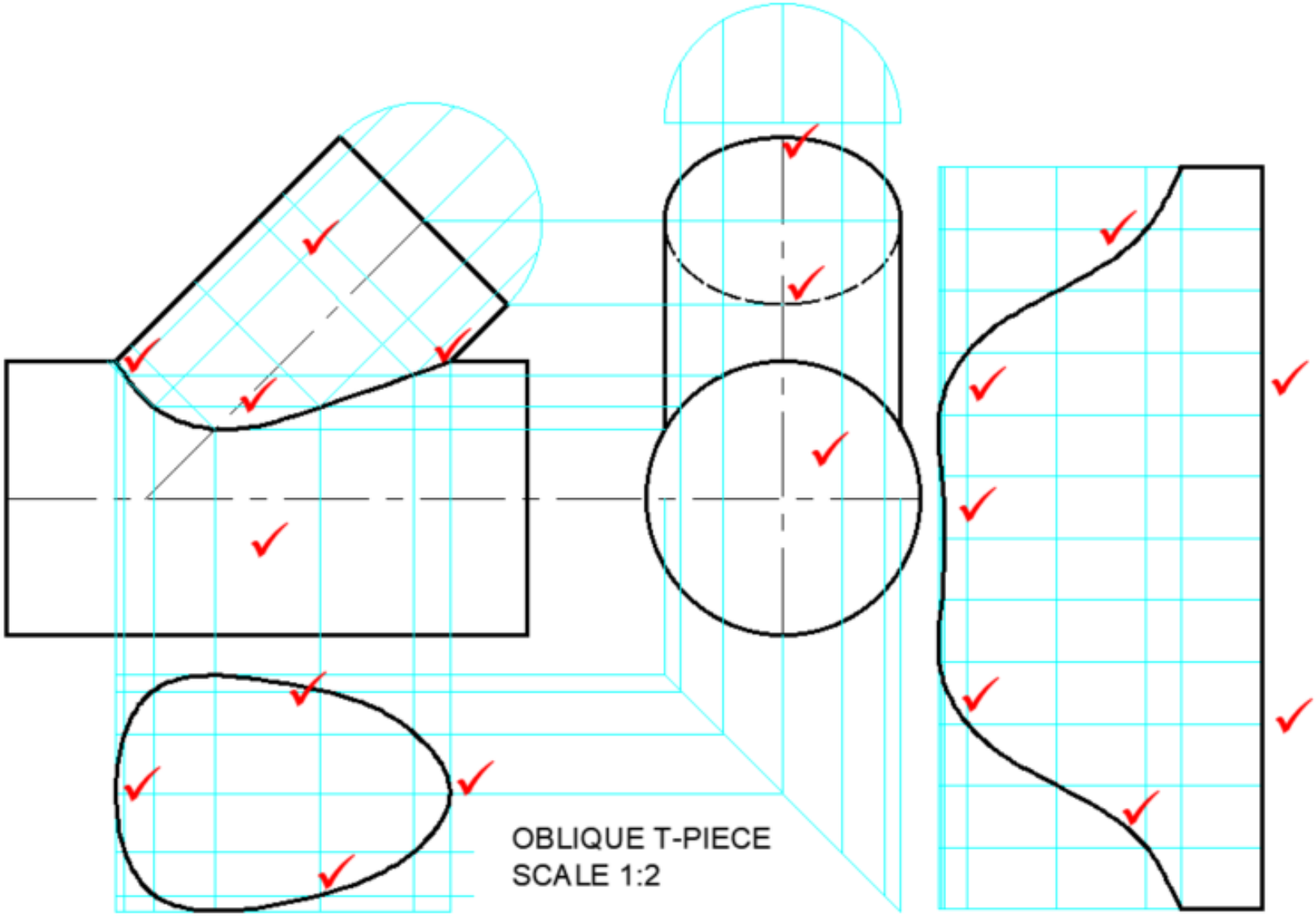
Copyright reserved

QUESTION 4



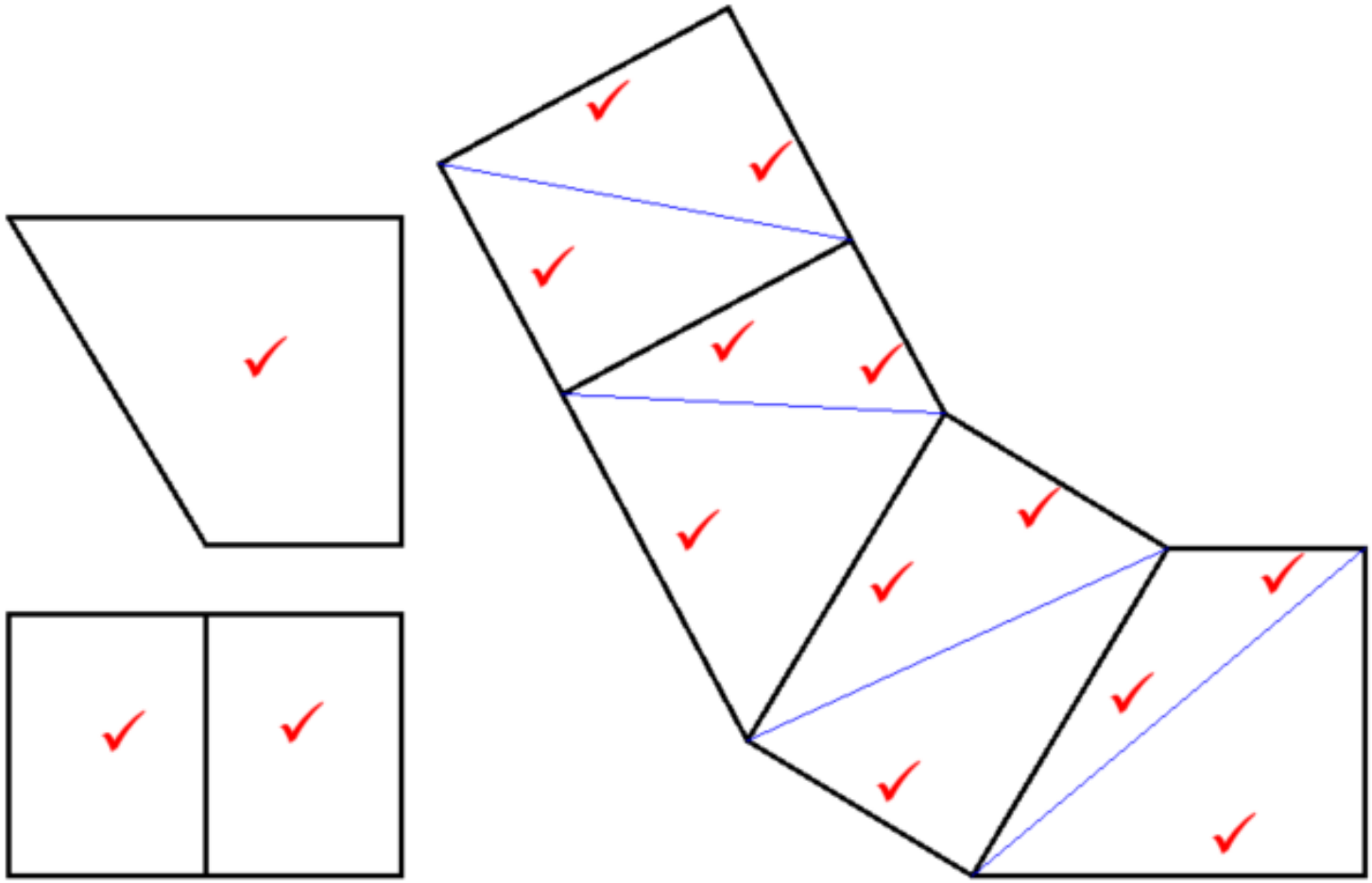
Copyright reserved

QUESTION 5



Copyright reserved

QUESTION 6



RECTANGLE-TO-RECTANGLE
SCALE 1:5

Copyright reserved