higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

MARKING GUIDELINE

NATIONAL CERTIFICATE:
MULTIDISCIPLINARY DRAWING OFFICE PRACTICE

GENERAL DRAUGHTING

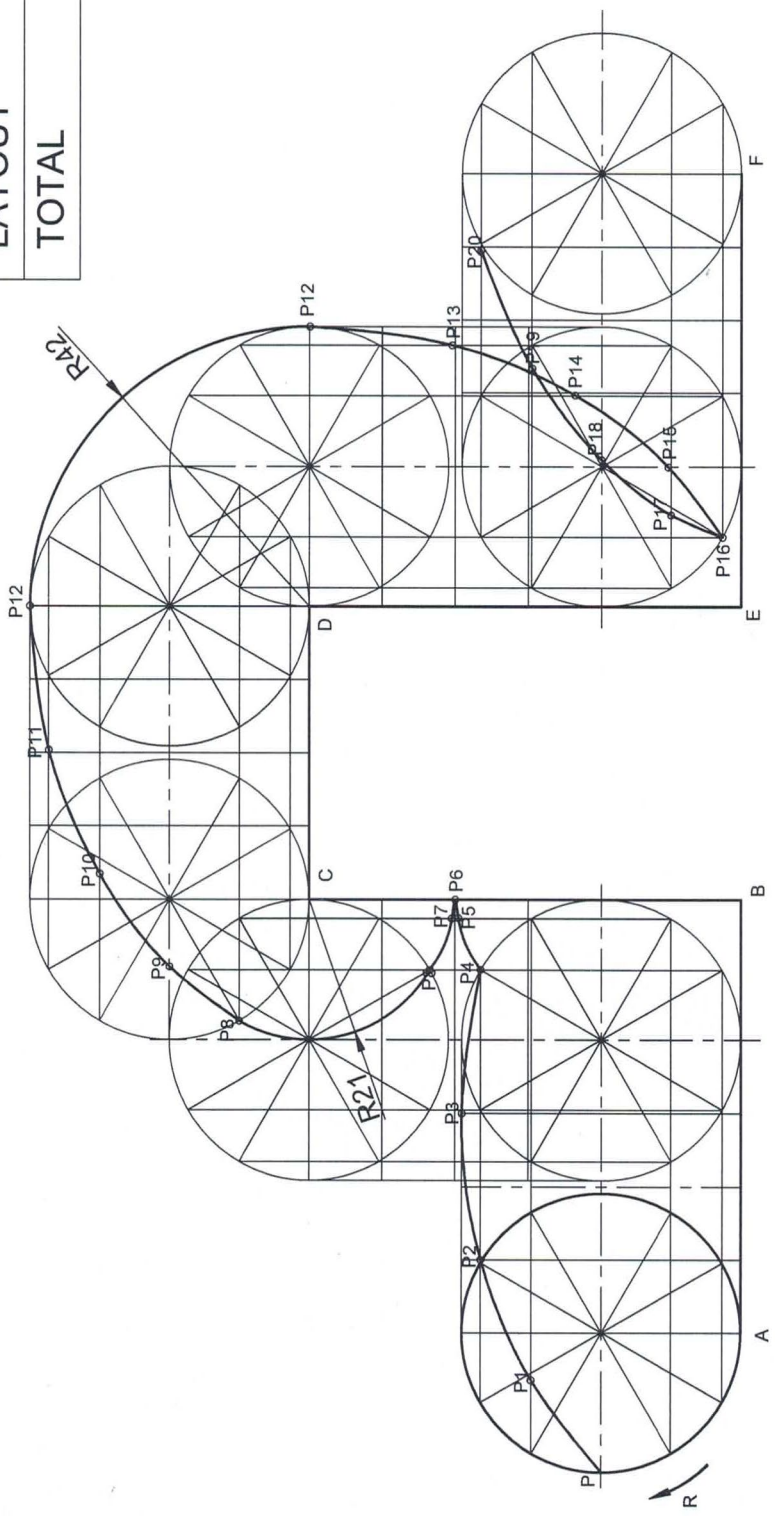
12 APRIL 2019

This marking guideline consists of 6 pages.

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QUESTION 1: THE LOCI

CORRECTNESS	7
ACCURACY	2
LINEWORK	1
CALCULATIONS	2
NAME OF LOCI	2
LAYOUT	1
TOTAL	15

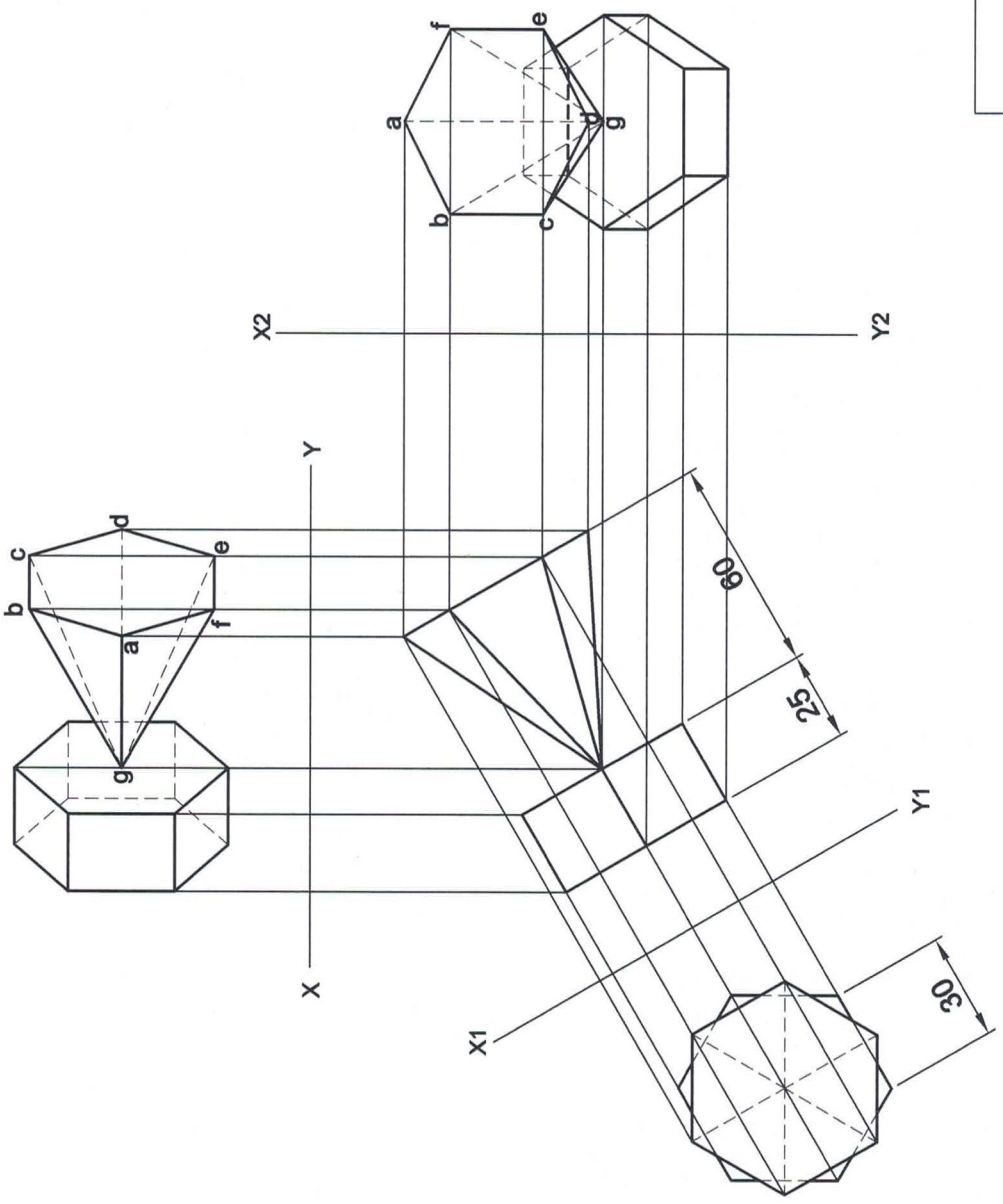


EPI-CYCLOID
C = π x D
= 3.141 x 42
= 132
132/12 = 11

[15]

QUESTION 2: ORTHOGRAPHIC PROJECTION

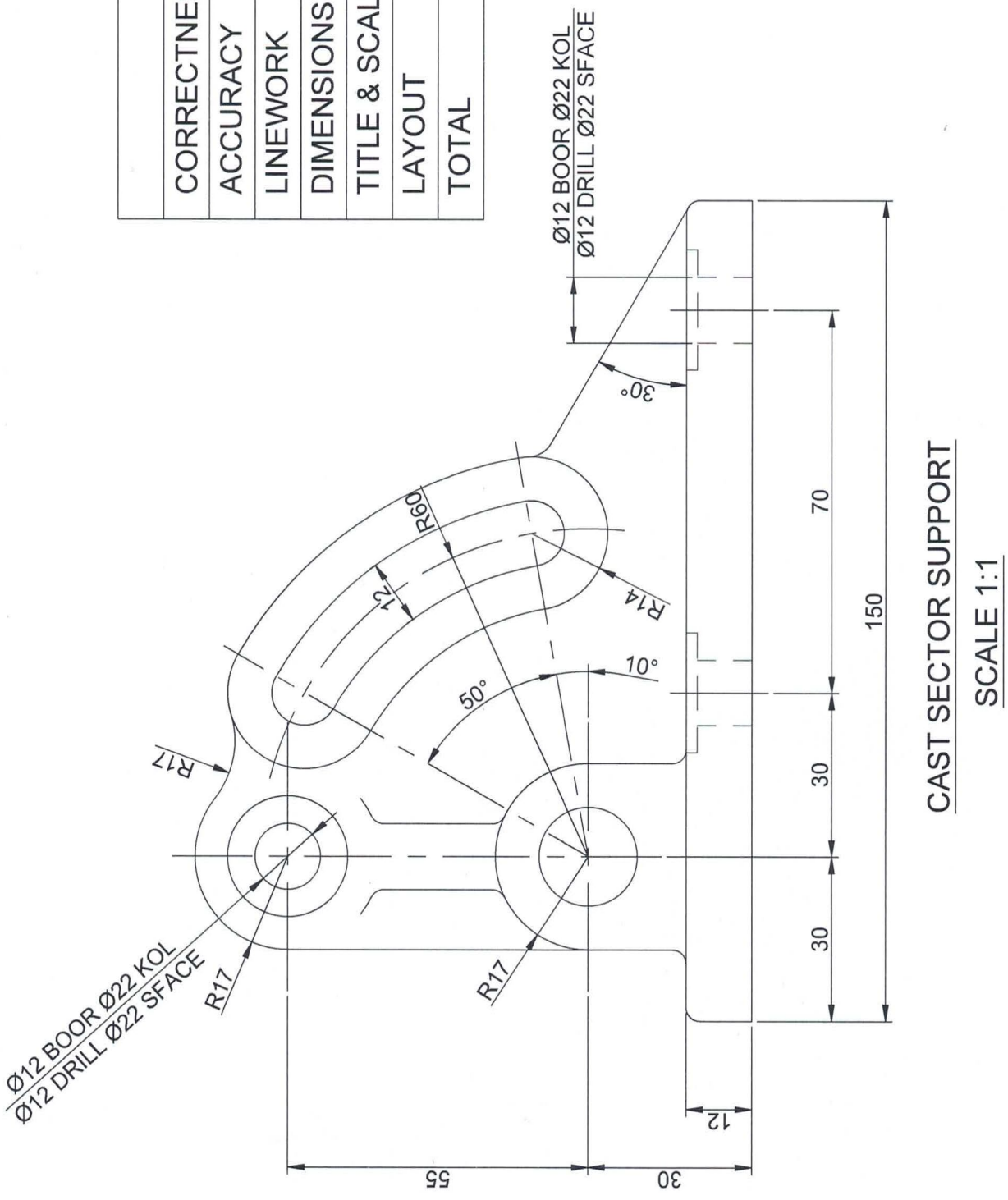
	FV	LV	TV
CORRECTNESS	4	4	4
ACCURACY	1.5	1	1
LINEWORK	2.5	2	2
LAYOUT	1	1	1
TOTAL	9	8	8



[25]

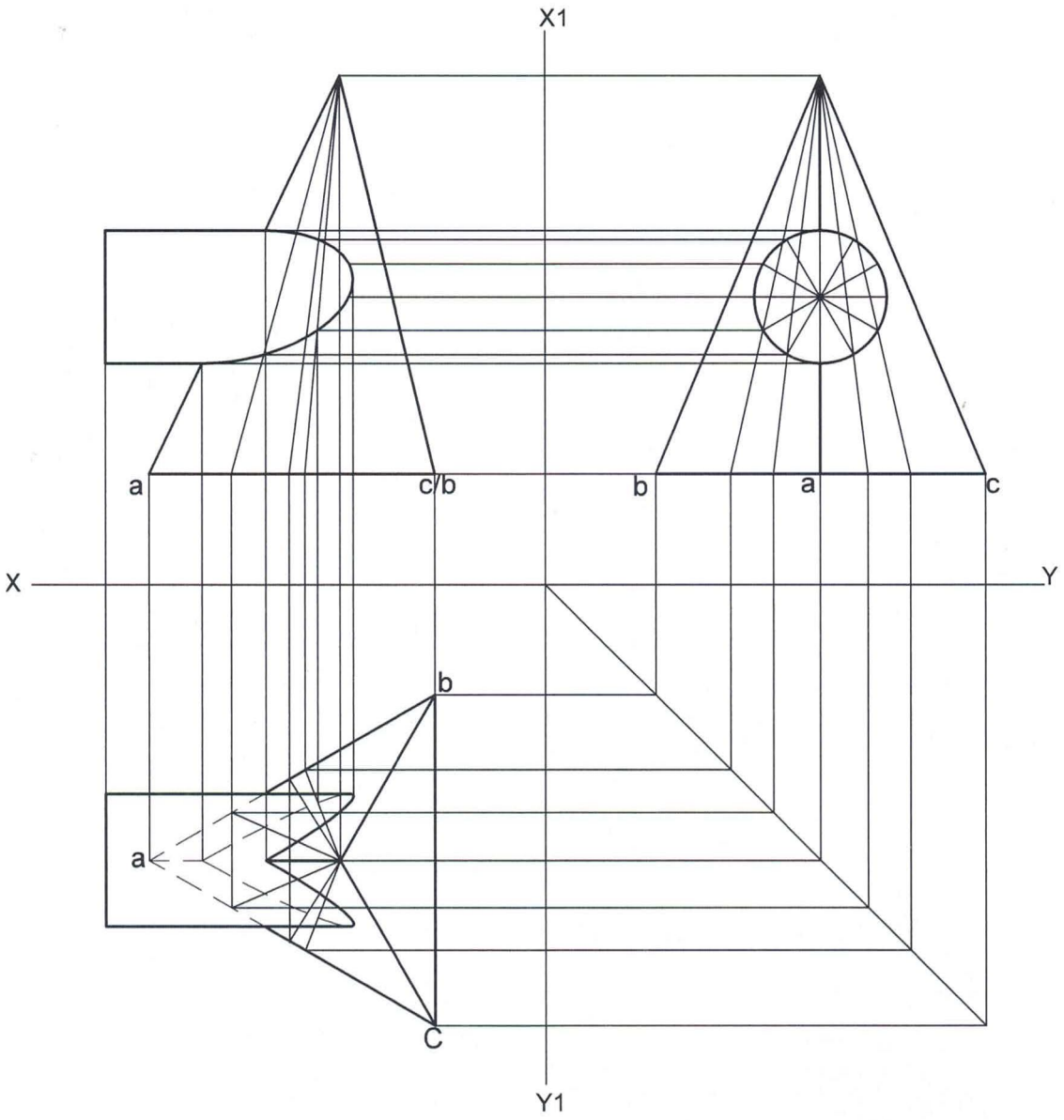
QUESTION 3: GEOMETRIC PROJECTION

CORRECTNESS	8
ACCURACY	4
LINEWORK	4
DIMENSIONS	5
TITLE & SCALE	2
LAYOUT	2
TOTAL	25



[25]

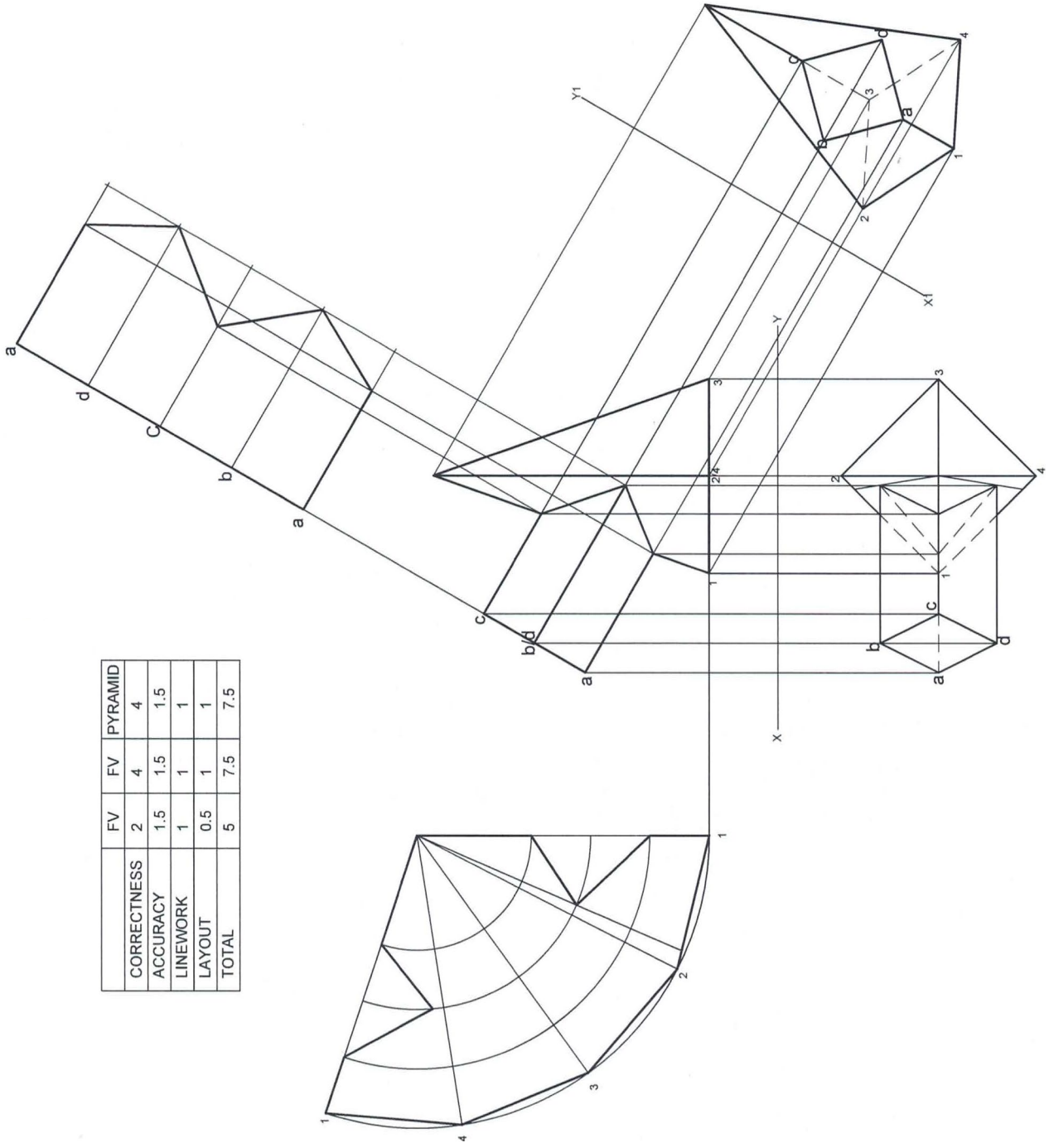
QUESTION 4: INTERPENETRATION



	FV	TV
CORRECTNESS	3.5	3.5
ACCURACY	1	1
LINEWORK	2	2
LAYOUT	1	1
TOTAL	7.5	7.5

[15]

QUESTION 5: DEVELOPMENT



	FV	FV	PYRAMID
CORRECTNESS	2	4	4
ACCURACY	1.5	1.5	1.5
LINEWORK	1	1	1
LAYOUT	0.5	1	1
TOTAL	5	7.5	7.5

[20]

TOTAL: 100

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