

AN ROINN OIDEACHAIS
(Department of Education).

INTERMEDIATE CERTIFICATE EXAMINATION, 1960.

ART AND DRAWING.

MECHANICAL DRAWING AND DESIGN.

FRIDAY, 17th JUNE.—AFTERNOON, 2.30 TO 4.30.

INSTRUCTIONS.

- (a) Candidates may take Section I or Section II, but *not both*.
- (b) The use of drawing instruments and tracing paper is allowed.
- (c) The number of the question must be distinctly marked by the side of answer.
- (d) Questions marked (*) have accompanying diagrams.

SECTION I.—[100 marks.]

ONE QUESTION ONLY TO BE ATTEMPTED.

1. Design a pattern suitable for a bath-towel. Work as large as paper permits.
2. Design a badge for a youth club. Colour must be used.
3. Draw a pattern suitable for a dinner plate, diameter not less than 10".
4. Design an all-over-pattern suitable for execution in any craft of your own choice.
5. Design a poster in colour to advertise "THE WEXFORD FESTIVAL." The design should include an appropriate title or announcement.

SECTION II.—[100 marks.]

THREE QUESTIONS ONLY TO BE ATTEMPTED.

[All questions carry equal marks.]

*1. Copy the design shown in the diagram to the dimensions indicated.

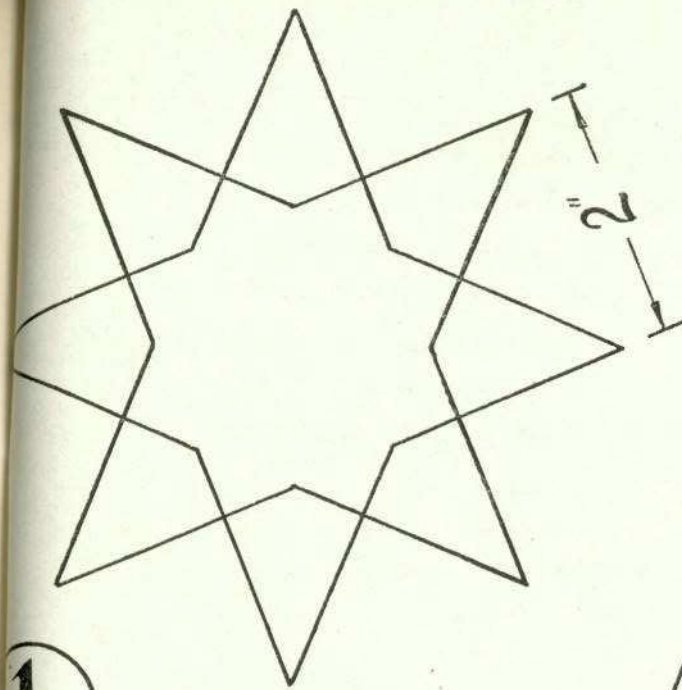
*2. Make a new drawing of the hexagonal pyramid, when the axis is at an angle of 30° to the XY line.

*3. Make a drawing of the design shown in diagram to the given measurements.

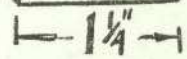
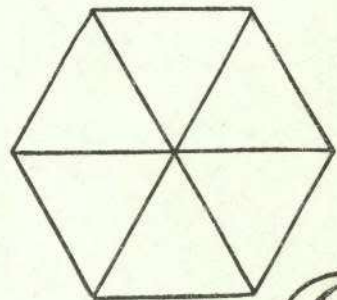
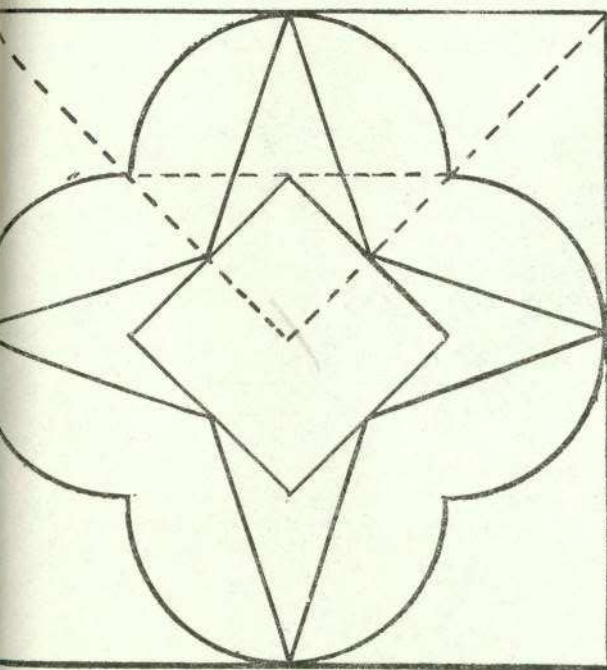
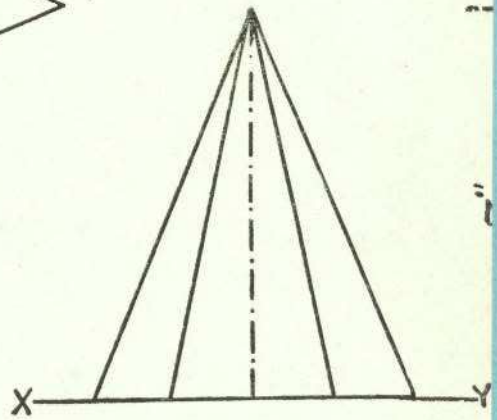
4. Construct a scale of 8" to 1 yard, to measure 4 feet. Show on it yards, feet and inches.

5. Design a geometric pattern to fill an octagonal shape with sides $3\frac{1}{2}$ " long.

ROINN II
SECTION II



1



2

3