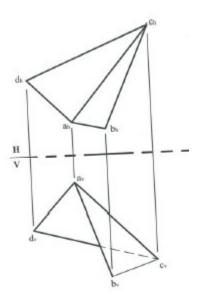
YEAR 13C & 13D TD WORKSHEETS # 1

QUESTION 1

(2½ marks)(ii) Project the true shape of the bracket abcd.(4½ marks)

(iii) What is the dihedral angle between the two plates ?

(½ marks)



QUESTION 2

(a) The Pole P and the end of a string \mathbf{O} which is attached to the cylinder is shown on the plan below. The angle between the vectors is 30^o.

(i) Draw the locus of the curve so that it unwinds from point O for three quarters of a revolution in an anticlockwise direction.

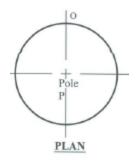
(ii) Name the curve in (i) ____

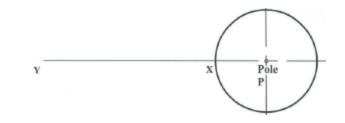
(1 mark)



(a) The Pole P, first vector X, second vector Y of a special curve are shown below. The angle between the vectors is 30^o. (8 marks)
(i) Draw the curve starting at X and to unwind in a clockwise direction for *one complete* revolution.

(ii) Name the curve _____

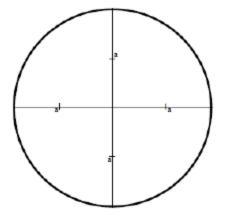




QUESTION 3

(a) Given: A picture of a design pattern below.Required: Redraw the design pattern inside the circle given below.





(b) Name the following safety attire/equipment given below.

