Projection of plane

1. An equilateral triangle ABC of sides 75 mm long has its side AB in the V.P. and inclined at 60^0 to the H.P. Its plane makes an angle of 45^0 with the V.P.

2. A rectangular plate 50 mm x 70 mm stands on one of its shorter edges in H.P. and is raised about this edge so that the top view becomes a square of 50 mm. Determine an inclination of the plate with the horizontal plane.