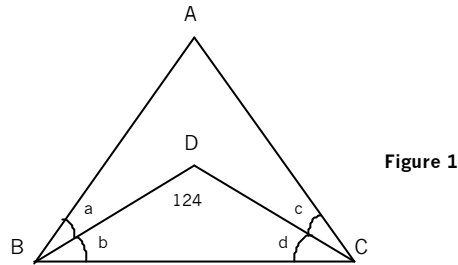
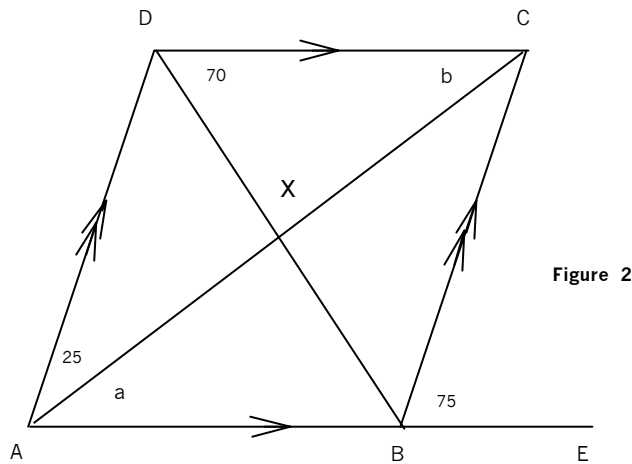


F.4 MATHEMATICS QUIZ
(GEOMETRY)

1. In Figure 1, DB, DC are angle bisectors, $\angle BDC = 124^\circ$. Find $\angle A$.



2. In Figure 2, $AB \parallel DC$, $AD \parallel BC$, $\angle CDB = 70^\circ$, $\angle DAC = 25^\circ$, $\angle CBE = 75^\circ$. Find x .



3. In Figure 3, ABCD is a rectangle, BCF and ABE are equilateral triangles. Prove that $AF = EC$.

