

**Geometry Worksheet: Angle (4)**

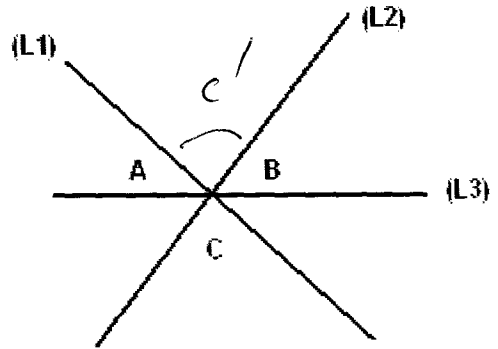
1. L1, L2 and L3 are 3 straight lines. Angles A and B have sizes of 50 and 70 degrees respectively. Find the size of angle C.

$$A + C' + B = 180^\circ$$

$$\Rightarrow C' = 180^\circ - 50^\circ - 70^\circ$$

$$= 60^\circ$$

$$\underline{C = C' = 60^\circ}$$



2. In the figure below, angles A and B have sizes of 96 and 35 degrees respectively. Find the size of angle C.

$$A' + B' + C' = 180^\circ$$

$$A' = A = 96^\circ$$

$$B' = B = 35^\circ$$

$$\Rightarrow C' = 180^\circ - 96^\circ - 35^\circ$$

$$= 49^\circ$$

$$\Rightarrow \underline{C = C' = 49^\circ}$$

