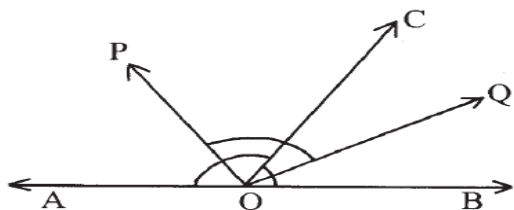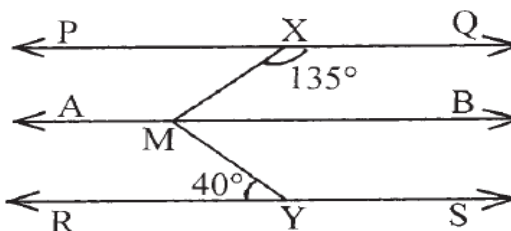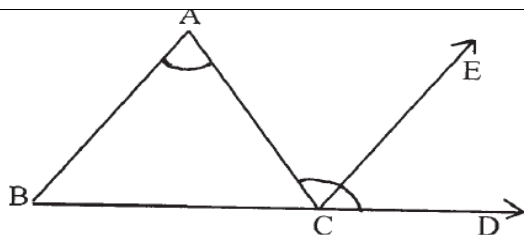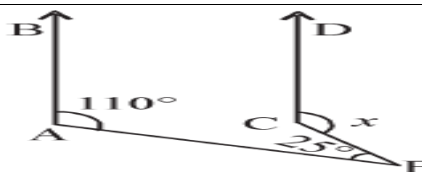|	
Q.1. if OP is the bisector of $\angle AOC$ and OQ is the bisector of $\angle BOC$ then find $\angle POQ$.	Q.2. in fig., PQ||RS||AB $\angle MXQ$ =1350 and $\angle MYR = 40^0$, find $\angle XMY$
Q.3. If CE is the bisector of $\angle ACD$ and CE||BA and $\angle ACD$ =130 . Then find $\angle BAC$	Q.4. In the fig. PS||QR||TA, PT $\perp$TA , $\angle$QTR = 30° , find the value of x, y, z.
Q.5. if AB Π CD, the value of x is :	
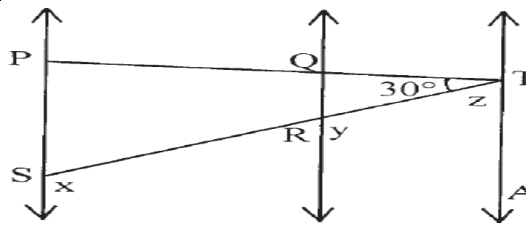
Q.6. Find the measure of an angle if seven times its complement is 10° less than three times its supplement.

Q.7. Find the measure of an angle if seven times its complement is 10° less than three times its supplement.

Q.8. POQ is a line, ray OR is perpendicular to line PQ. OS is another ray lying between rays OP and OR. Prove that ∠ROS = 1/2 (∠QOS − ∠POS)	
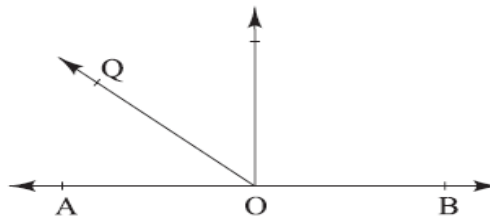
Q.9. Bisectors of angles B and C of a triangle ABC intersect each other at the point O. Prove that BOC = 90° + 1/2 ∠A.

10. P is a point equidistant from two lines *l* and *m* intersecting at a point A. Show that AP bisects the angle between them.