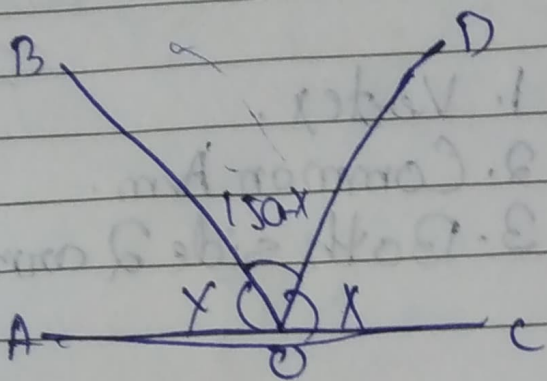


4.



$$= \angle AOB, \angle BOD, \angle DOC$$

$$\Rightarrow \angle AOB + \angle BOD + \angle DOC = 180^\circ$$

$$\Rightarrow x + 150 - x + x = 180^\circ$$

$$\Rightarrow x = 180 - 150 = 30$$

$$\Rightarrow x = 30$$

5.  $\angle POR, \angle QOP, \angle TOP = 180^\circ$

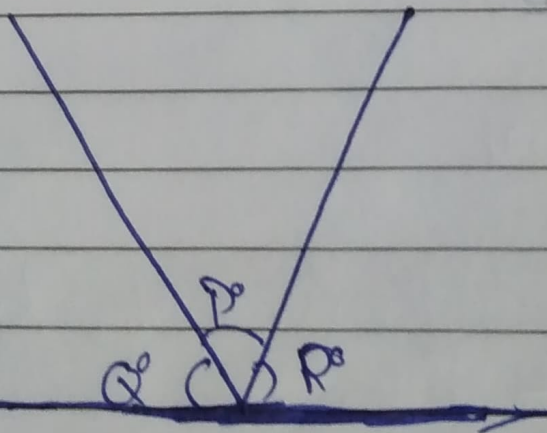
$$= x + 70^\circ - 20^\circ - x^\circ$$

$$\Rightarrow 70 + 20 = 90$$

$$\Rightarrow 180^\circ - 90 = 90$$

$$= \angle QOR = 90$$

6.



$$\Rightarrow \text{Let } P = Q = R = x$$

$$\Rightarrow x = x = x = 180^\circ$$

$$\Rightarrow P + Q + R = 180^\circ$$

$$\Rightarrow x + x + x = 180^\circ$$

$$\Rightarrow 3x = 180 = 180^\circ$$

~~$$\Rightarrow x = \frac{180}{3}$$~~

$$\Rightarrow x = \frac{180}{3} = 60^\circ$$

$$\Rightarrow P = 60^\circ, Q = 60^\circ, R = 60^\circ$$