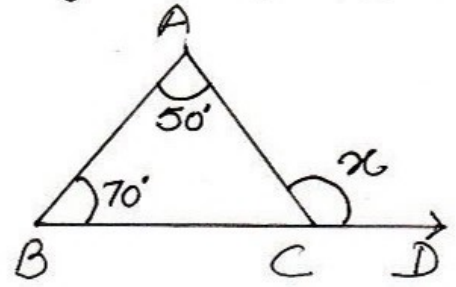


1(i) $\angle ACD = \angle A + \angle B$ (exterior angle Prop. of Δ)

$$x = 50 + 70$$

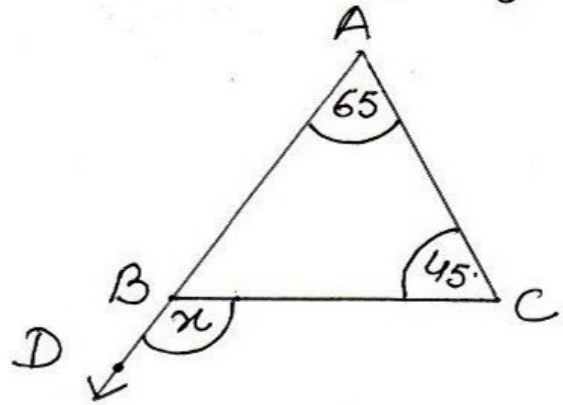
$$\Rightarrow x = 120^\circ$$



1(ii) $\angle CBD = \angle A + \angle C$ (exterior \angle Prop of Δ)

$$x = 65 + 45$$

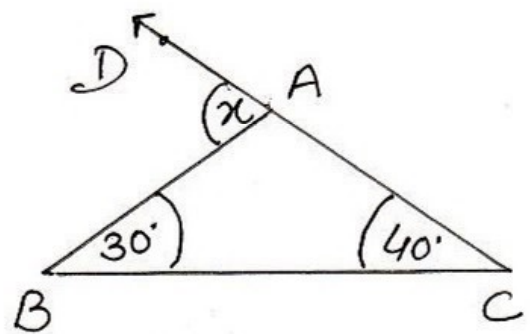
$$\Rightarrow x = 110^\circ$$



1(iii) $\angle BAD = \angle B + \angle C$ (exterior \angle Prop. of Δ)

$$x = 30 + 40$$

$$\Rightarrow x = 70^\circ$$



1(iv) $\angle ABD = \angle A + \angle C$ (exterior \angle Prop. of Δ)

$$x = 60 + 60$$

$$\Rightarrow x = 120^\circ$$

