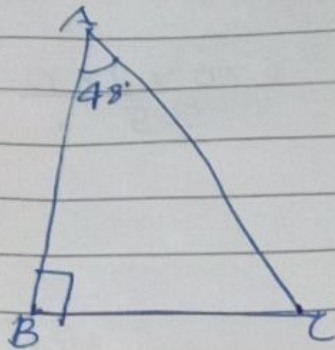


- ① Let $\triangle ABC$ be a right angled triangle, right angled at B $\therefore \angle B = 90^\circ$



Let $\angle A = 42^\circ$, $\angle C = ?$

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

C Angle is unknown

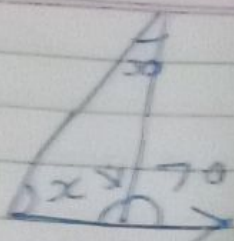
$$\Rightarrow 42^\circ + 90^\circ + \angle C = 180^\circ$$

$$\Rightarrow 132^\circ + \angle C = 180^\circ$$

$$\Rightarrow \angle C = 180^\circ - 132^\circ$$

$$\Rightarrow \angle C = 48^\circ$$

Q2



$$\Rightarrow 70^\circ = x + 30^\circ$$

Exterior angle property

$$\Rightarrow x = 70^\circ - 30^\circ$$

$$\boxed{x = 40^\circ}$$

Now, $y + 70^\circ = 180^\circ$

$$\Rightarrow y = 180^\circ - 70^\circ$$

$$\boxed{y = 110^\circ}$$