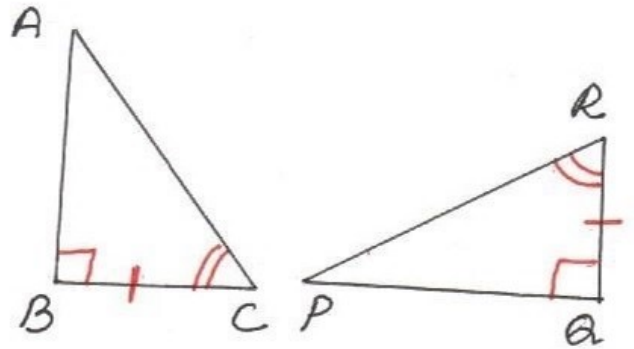
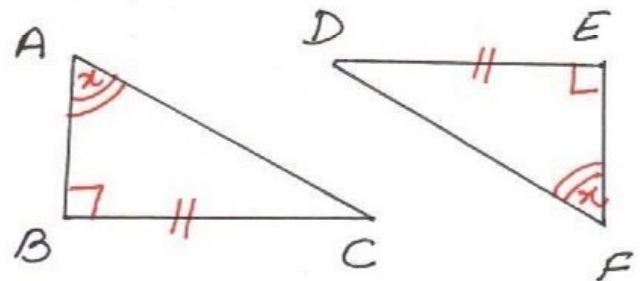


9. $\angle B = \angle R = 90^\circ$
 $BC = QR$
 $\angle C = \angle R$



$\therefore \triangle ABC \cong \triangle PQR$ by ASA criterion

10.



$\triangle ABC \cong \triangle FED$ by AAS rule

explanation

let $\angle A = \angle F = x$
 $\angle B = \angle E = 90^\circ$

In $\triangle ABC$

$\angle A + \angle B + \angle C = 180^\circ$ (*)

$\angle C = 180 - 90 - x$
 $= (90 - x)^\circ$

In $\triangle FED$

$\angle F + \angle E + \angle D = 180^\circ$ (*)

$\angle D = 180 - 90 - x$
 $= (90 - x)^\circ$

In $\triangle ABC$ and $\triangle FED$

$\angle B = \angle E$

$BC = ED$

$\angle C = \angle D$ (each $(90 - x)^\circ$)

$\therefore \triangle ABC \cong \triangle FED$ by ASA rule