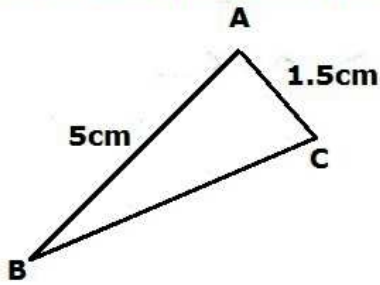


8

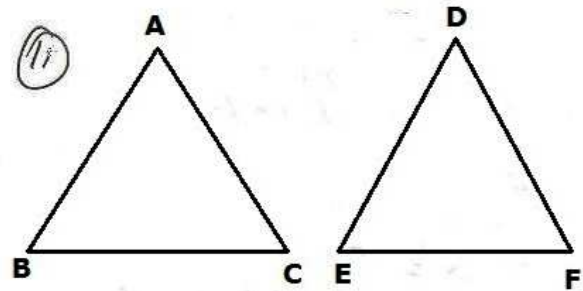


$$5 - 1.5 < \text{Third Side} < 5 + 1.5$$

$$\Rightarrow 3.5 < BC < 6.5$$

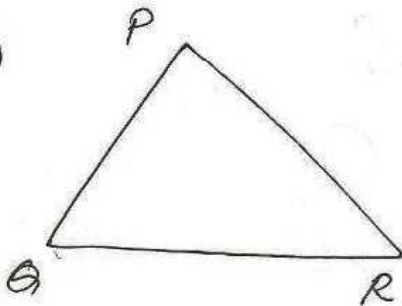
(D) 3.4

11



$$AC = DE \quad (B)$$

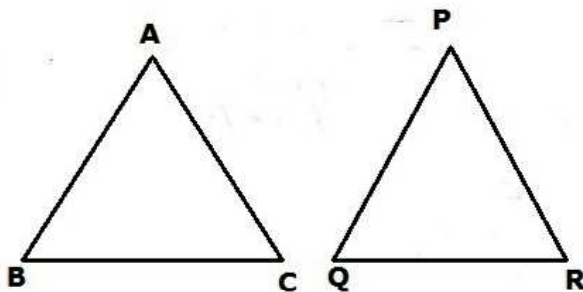
9



$$LR > LQ$$

$$\Rightarrow PQ > PR \quad (B)$$

10



In  $\triangle ABC$ ,  $AB = AC$

$$\Rightarrow \angle C = \angle B$$

$$\text{But } \angle B = \angle Q$$

$$\angle C = \angle P$$

$$\therefore \angle P = \angle Q$$

$$\Rightarrow QR = PR \quad \left\{ \begin{array}{l} \text{converse} \\ \text{of isos } \triangle \\ \text{prop.} \end{array} \right.$$

(A) isos but not cong.