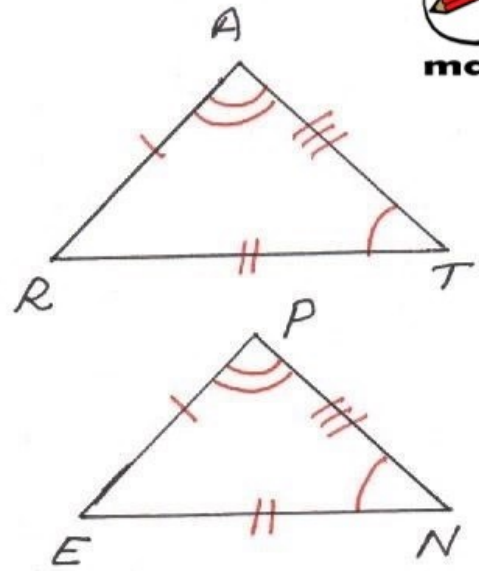


2 (a)

(i) $AR = PE, RT = EN, AT = PN$

$\therefore \triangle ART \cong \triangle PEN$

by SSS criterion



(b) $RT = EN, \angle T = \angle N, AT = PN$

$\therefore \triangle ART \cong \triangle PEN$ by SAS criterion

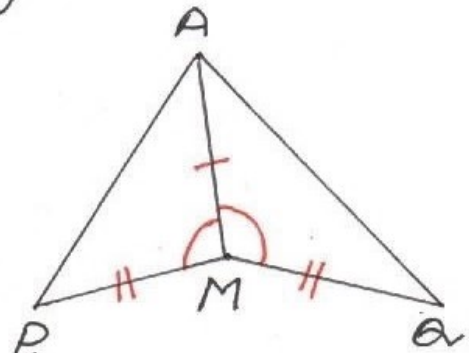
(c) $\angle A = \angle P, AT = PN, \angle T = \angle N$ by ASA criterion

3 (i) $PM = QM$ (given)

(ii) $\angle PMA = \angle QMA$ (given)

(iii) $AM = AM$ (common)

$\triangle AMP \cong \triangle AMQ$ by SAS rule



4 In $\triangle ABC$ and $\triangle PQR$

$\angle A = \angle P$

$\angle B = \angle Q$

$\angle C = \angle R$

$\triangle ABC \not\cong \triangle PQR$

no.

\therefore they have same shape but may have different sizes

