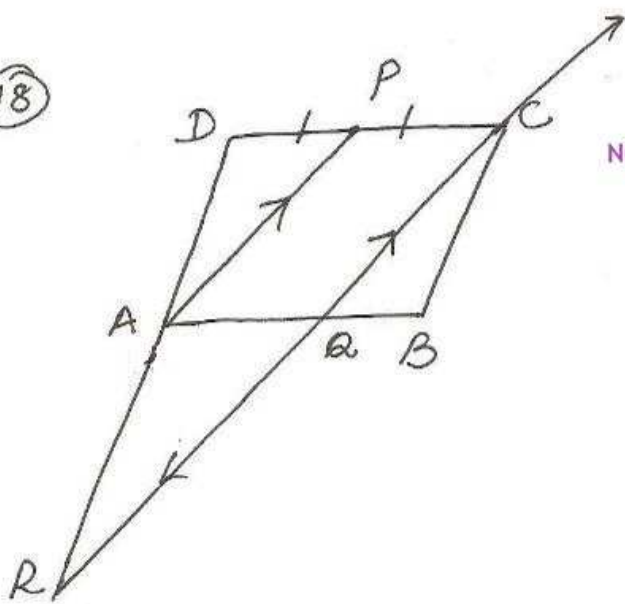


(18)



ex 8.4, examp. 11

NCERT Exemplar problem solutions by Dev Anoop (Bathinda)

To Prove $DA = AR$
 $CQ = QR$

Proof In $\triangle DRC$
P is midpt of DC,
 $AP \parallel RC$
 $DA = AR$ (converse
of midpt
theorem)

In $\triangle DRC$
A is midpt of DR
 $AQ \parallel DC$ (opp sides
of $\parallel gm$)
 $\therefore CQ = QR$ (converse
of midpt
theorem)

NCERT Exemplar problem solutions by Dev Anoop (Bathinda)