

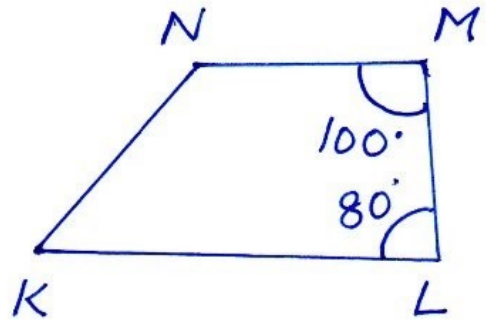
10

$$\begin{aligned}\angle L + \angle M &= 80^\circ + 100^\circ \\ &= 180^\circ\end{aligned}$$

But these are
cointerior \angle s

$$\therefore KL \parallel NM$$

$\square KLMN$ is a $\parallel gm$



(ii)

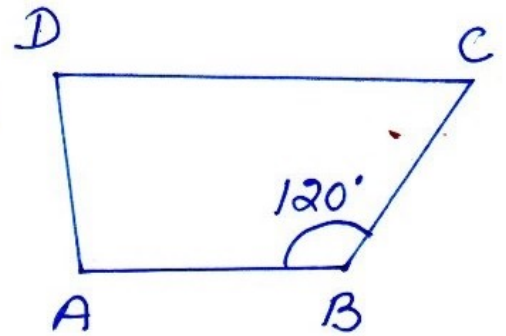
In figure $AB \parallel DC$

$$\therefore \angle B + \angle C = 180^\circ \text{ (*)}$$

$$120 + \angle C = 180^\circ$$

$$\Rightarrow \angle C = 180 - 120$$

$$m \angle C = 60^\circ$$



* cointerior angles