

⑤ area of  $\triangle PQR = SR \times QM$   
 $= 12 \times 7.6$   
 $= 91.2 \text{ cm}^2$

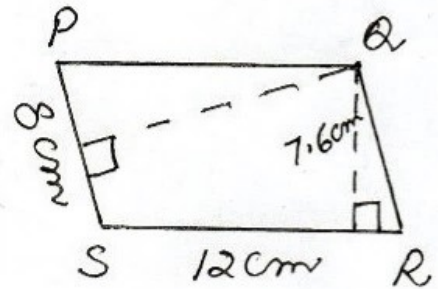
area of  $\triangle PQR = 91.2 \text{ cm}^2$

$PS \times QN = 91.2$

$8 \times QN = 91.2$

$\Rightarrow QN = \frac{91.2}{8} = 11.4$

$\Rightarrow QN = 11.4 \text{ cm}$



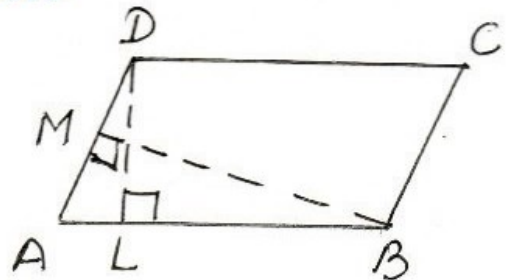
⑥ area of  $\triangle ABCD = 1470 \text{ cm}^2$

$AB \times DL = 1470$

$35 \times DL = 1470$

$\Rightarrow DL = \frac{1470}{35} = 42$

$\Rightarrow DL = 42 \text{ cm}$



area of  $\triangle ABCD = 1470 \text{ cm}^2$

$AD \times BM = 1470$

$49 \times BM = 1470$

$\Rightarrow BM = \frac{1470}{49} = 30$

$\Rightarrow BM = 30 \text{ cm}$