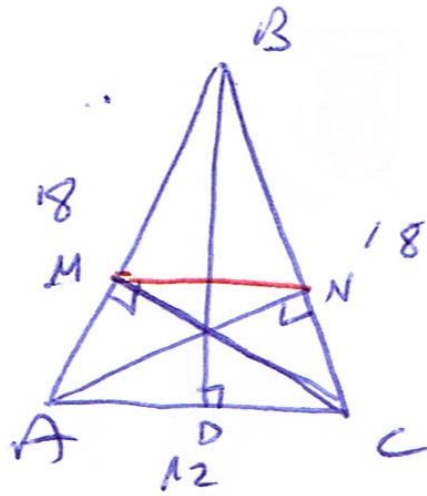


1.117
5



$\triangle ANC \sim \triangle BDC$ ← $\rightarrow \angle N \angle C$ $\angle C$
 $\angle ANC = \angle BDC = 90^\circ$

$$\frac{NC}{DC} = \frac{AC}{BC} \rightarrow \frac{NC}{6} = \frac{12}{18} \rightarrow \underline{NC=4}$$

$AN \parallel AC \Leftrightarrow \frac{AM}{AB} = \frac{NC}{BC}$ p.f. $AM=4$ $\angle M \angle C$ $\angle A \angle B$

$$\frac{NB}{AB} = \frac{MN}{AC} \rightarrow \frac{12}{18} = \frac{MN}{12} \rightarrow MN = \frac{14 \cdot 12}{18} = \frac{28}{3}$$