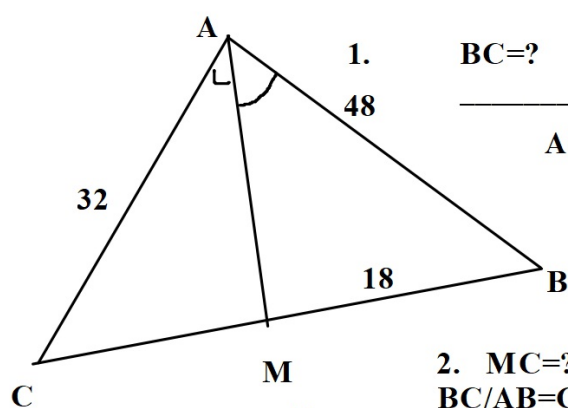


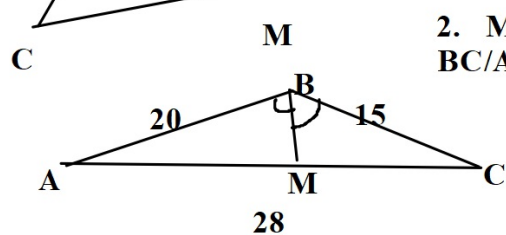


$AC/AB=CM/BM$ - свойство биссектрисы

$$\Rightarrow 32/48=CM/18 \Rightarrow 2/3=CM/18$$

$$CM=18 \cdot 2/3=12$$

$$\Rightarrow BC=BM+CM=18+12=30 \text{ cm}$$

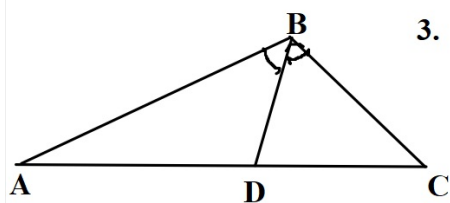


$BC/AB=CM/AM \Rightarrow 15/20=MC/(28-MC)$ - свойство биссектрисы

$$\Rightarrow 20 \cdot MC=15 \cdot (28-MC) \Rightarrow 20 \cdot MC=420-15 \cdot MC$$

$$35 \cdot MC=420 \Rightarrow MC=420/35=60/5=12.$$

$$MC=12 \text{ cm}$$



$AB+BC=56 \text{ cm}$, $AD=9 \text{ cm}$,
 $DC=15 \text{ cm}$. $AB=?$ $BC=?$