

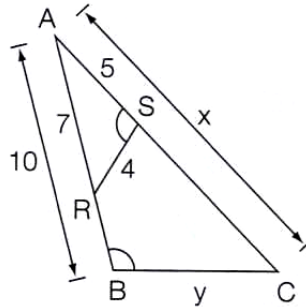


9º ano

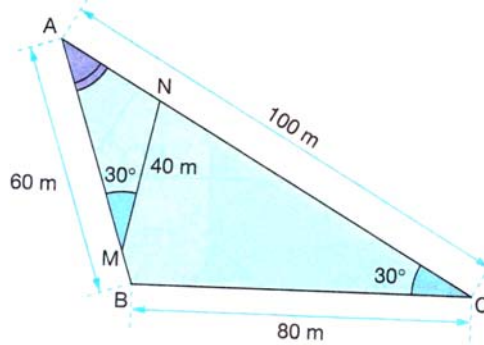
Matemática

Tarefa 17 – Prof. Luan

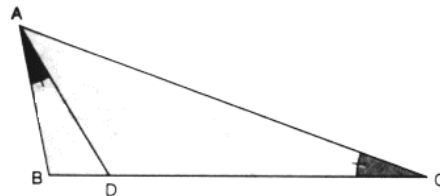
01. Na figura, temos $\hat{S} \equiv \hat{B}$. Determine $AC = x$ e $BC = y$.



02. Mostre que os triângulos ABC e AMN são semelhantes e calcule o perímetro do triângulo AMN .

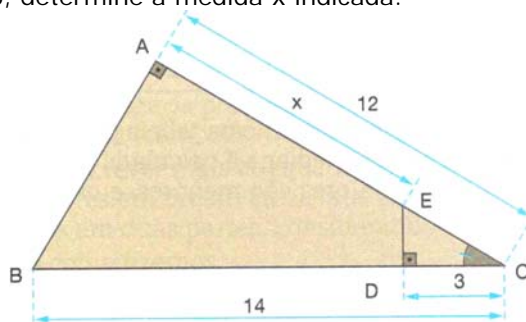


03. Na figura abaixo, vamos considerar que $AB = 4$ cm e $BC = 10$ cm.

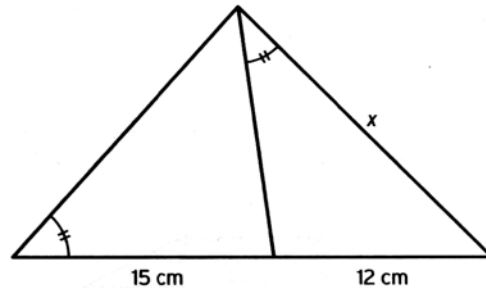


Nessas condições, determine a medida do lado \overline{BD} .

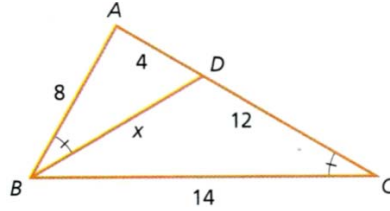
04. Considerando a figura abaixo, determine a medida x indicada.



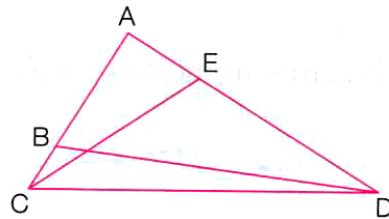
05. Calcule o valor de x .



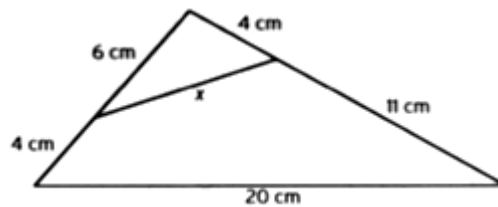
06. Mostre que os triângulos ABC e ADB são semelhantes e calcule o valor de x .



07. Na figura, as medidas são $AB = 8$ cm, $BC = 3$ cm, $AE = 5$ cm. Calcule $DE = x$, sabendo que $\widehat{ACE} = \widehat{ADB}$.



08. Calcule o valor de x .



09. Dado o triângulo ABC , sabe-se que $AB = 8$, $BC = 5$ e $AC = 4$. Sejam M e N pontos sobre o lado AB e AC , respectivamente, tais que $AM = 1$ e $NA = 2$. A respeito dos triângulos ABC e AMN , podemos afirmar que:

- a) $\widehat{AMN} = 2 \cdot \widehat{ANM}$
- b) $\overline{MN} = 3$
- c) $\widehat{ANM} = \widehat{ABC}$
- d) $\widehat{AMN} = \widehat{ABC}$
- e) $\widehat{BAC} = \widehat{MNA}$