

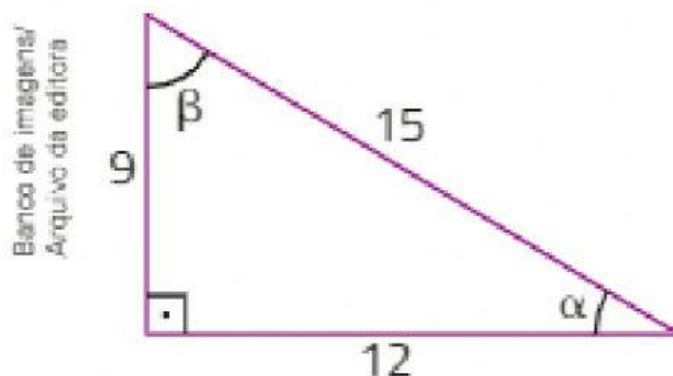


Relações Trigonométricas

Assista o último capítulo da novela:

O 9º ano do Ensino Fundamental 2

Examine este triângulo retângulo e calcule o valor de cada razão.



a) $\sin \alpha = \frac{\quad}{\quad} =$

d) $\sin \beta = \frac{\quad}{\quad} =$

b) $\cos \alpha = \frac{\quad}{\quad} =$

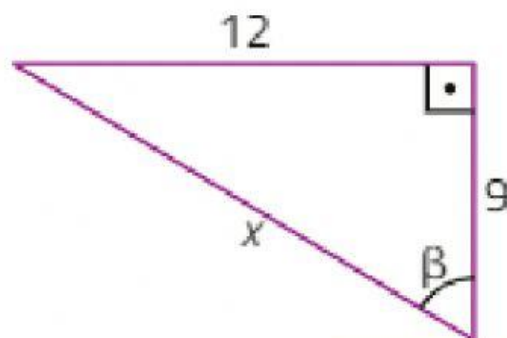
e) $\cos \beta = \frac{\quad}{\quad} =$

c) $\tan \alpha = \frac{\quad}{\quad} =$

f) $\tan \beta = \frac{\quad}{\quad} =$

Calcule o valor de x em cada figura considerando as medidas dadas.

a) $\cos \beta = 0,6$

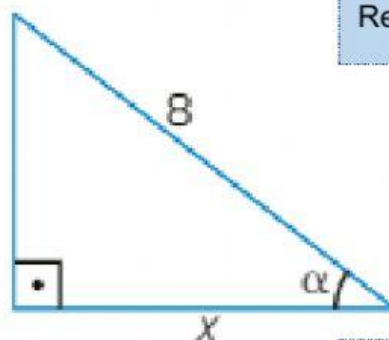


Resposta: $x =$

b) $\sin \alpha = \frac{3}{5};$

$\cos \alpha = \frac{4}{5}$ e

$\tan \alpha = \frac{3}{4}.$

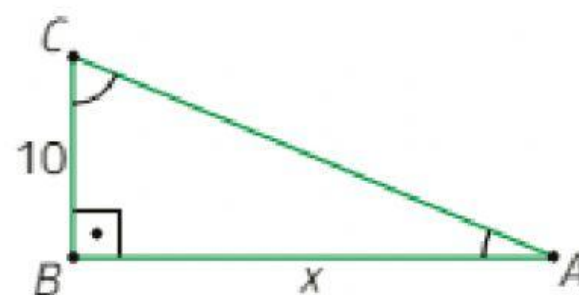


Resposta: $x =$

c) $\sin \hat{A} = \frac{5}{13};$

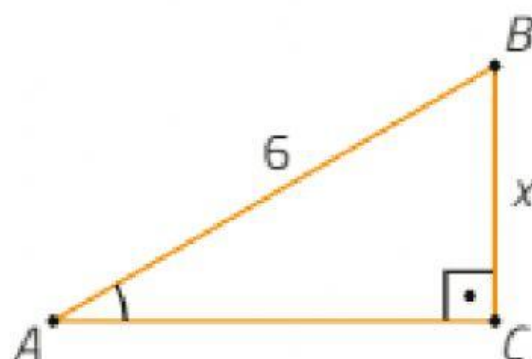
$\cos \hat{A} = \frac{12}{13}$ e

$\tan \hat{A} = \frac{5}{12}.$



Resposta: $x =$

d) $\cos \hat{A} = \frac{\sqrt{3}}{2}$



Resposta: $x =$