Nome: _____

Profª: **Heloisa** Ano: _____ Data: ____ / _____ /2020

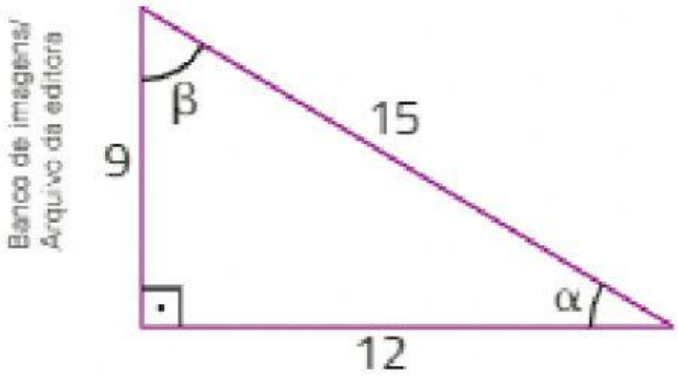
A t i v i d a d e d e M a t e m á t i c a

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) sen α = ——— =

b) cos α = ——— =

c) tan α = ——— =

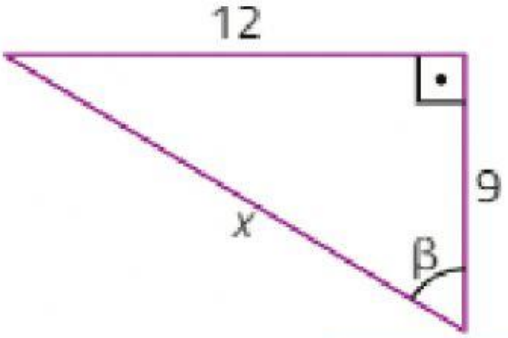
d) sen β = ——— =

e) cos β = ——— =

f) tan β = ——— =

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

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

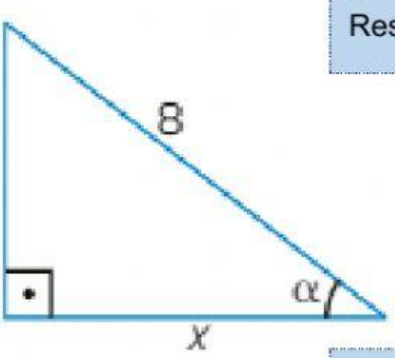


Resposta: x =

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

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

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

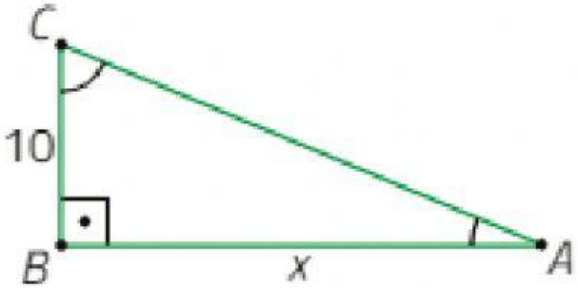


Resposta: x =

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

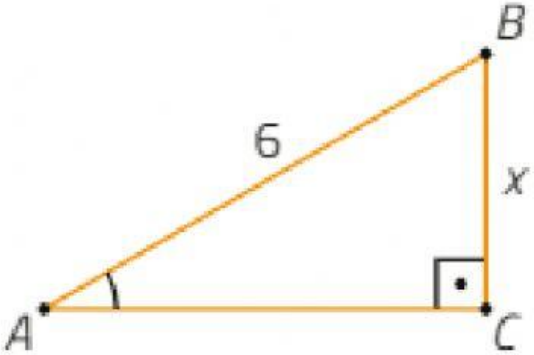
$\cos \hat{A} = \frac{12}{13}$ e

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



Resposta: x =

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



Resposta: x =