MATEMÁTICA

9º ANO
Prof. Raíky

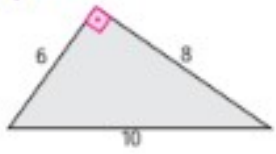
Lista: 07

Data: 15 / 04 / 2020

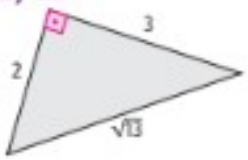
Aluno (a): **Nº**

1. Verifique se os triângulos a seguir são retângulos e identifique o ângulo reto. Considere que todos os lados estão na mesma unidade de medida.

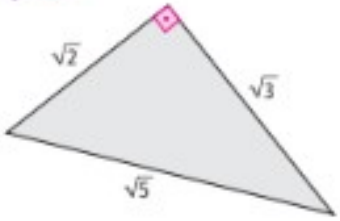
a) Sim



b) Sim

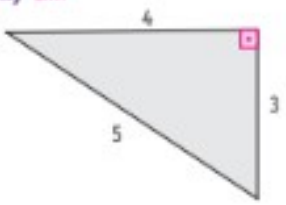


c) Sim

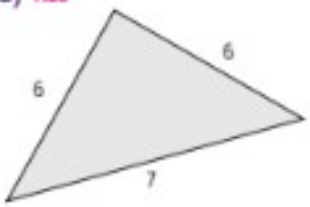


2. Identifique se os triângulos a seguir são triângulos retângulos.

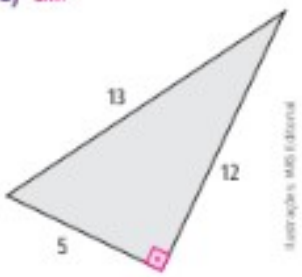
a) Sim



b) Não

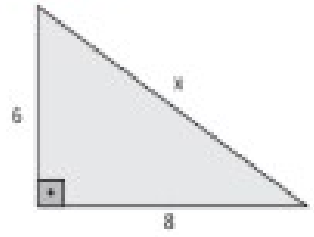


c) Sim

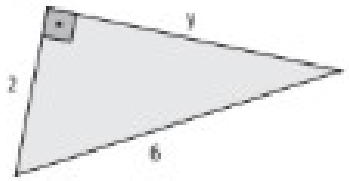


3. Em cada caso, utilize o teorema de Pitágoras para calcular o valor da incógnita.

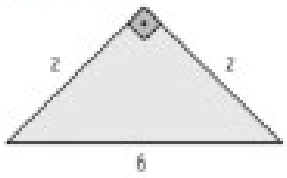
a) $x = 10$



b) $y = 4\sqrt{2}$

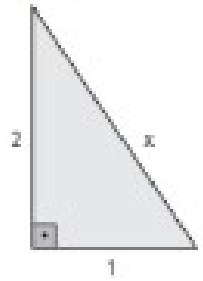


c) $x = 3\sqrt{2}$

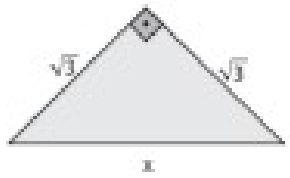


4. Em cada caso, calcule o valor de x utilizando o teorema de Pitágoras.

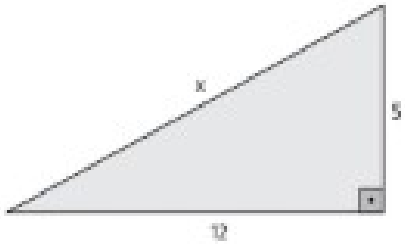
a) $x = \sqrt{5}$



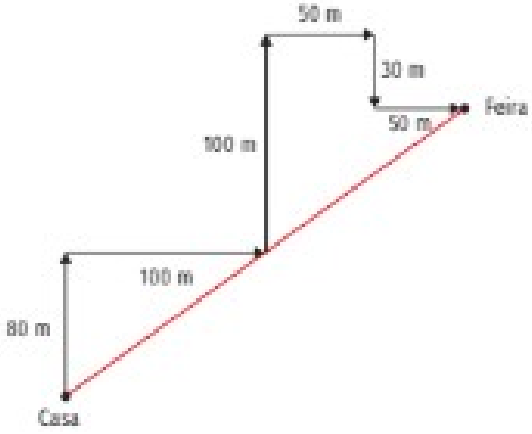
b) $x = \sqrt{6}$



c) $x = 13$



5. Ana precisava ir a pé de sua casa até a feira, fazendo a trajetória descrita na figura.



Qual é a distância, em linha reta, da casa da Ana até a feira?
250 m

6. Calcule o valor de x e de y na figura a seguir. $x = \sqrt{2}$ e $y = \sqrt{3}$