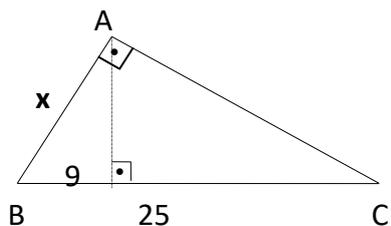
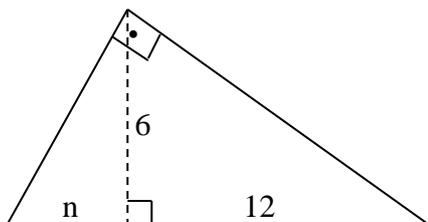


1. O valor de  $x$  no triângulo retângulo abaixo é:

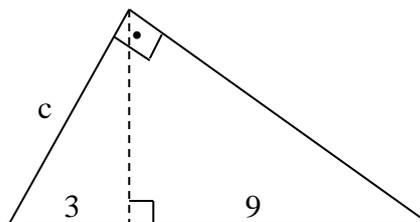


2. Aplicando as relações métricas nos triângulos retângulos abaixo, determine o valor da incógnita:

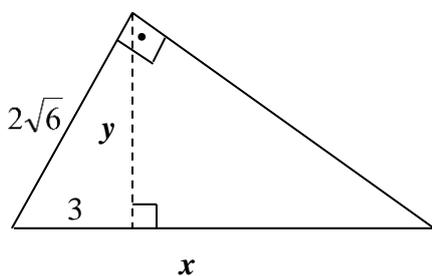
a)



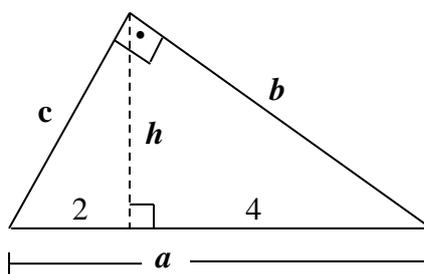
b)



c)

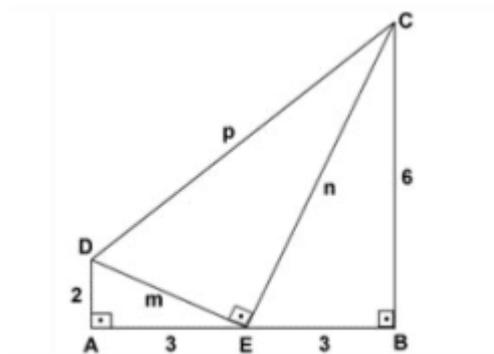


d)

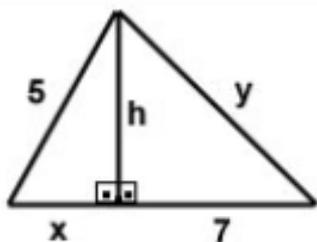


3. Considere a figura ao lado e determine:

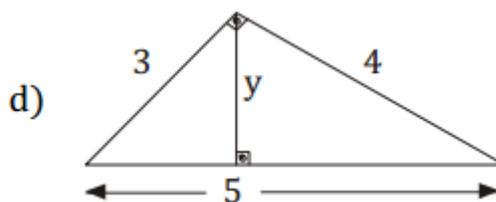
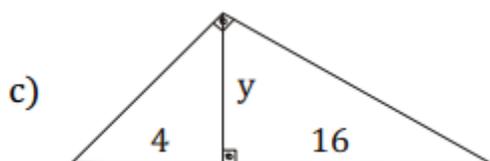
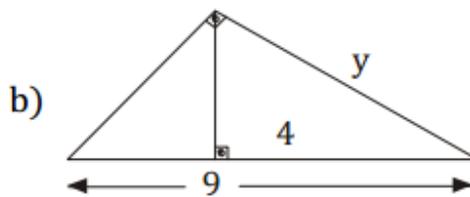
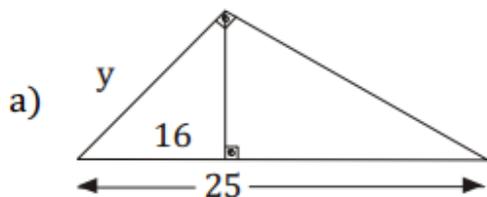
- a) a medida do lado  $m$
- b) a medida do lado  $n$
- c) a medida do lado  $p$
- d) o perímetro do trapézio ABCD



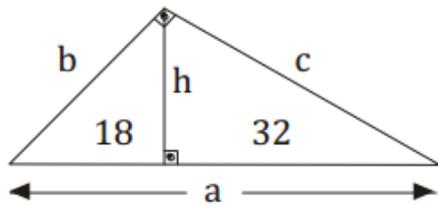
4. Considerando o triângulo abaixo, determine o valor da expressão:  $x^2+y^2$



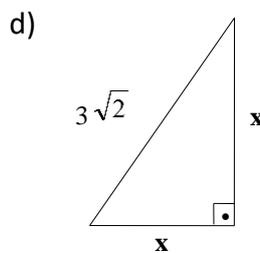
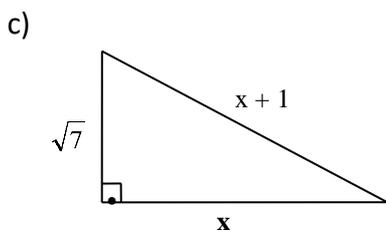
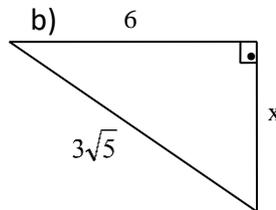
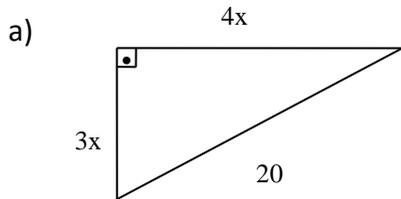
5. Encontre o valor de  $y$  em cada relação:



6. A soma dos números correspondentes às medidas  $a$ ,  $b$ ,  $c$  e  $h$  no triângulo da figura abaixo formam uma senha que abre o cofre do senhor Adamastor. Qual a senha que abre o cofre do Adamastor?



7. Utilizando o Teorema de Pitágoras, determine o valor de  $x$  nos triângulos retângulos:



8. A figura mostra um edifício que tem 15 m de altura, com uma escada colocada a 8 m de sua base ligada ao topo do edifício. O comprimento dessa escada é de:

- a) 12 m.
- b) 30 m.
- c) 15 m.
- d) 17 m.
- e) 20 m.

