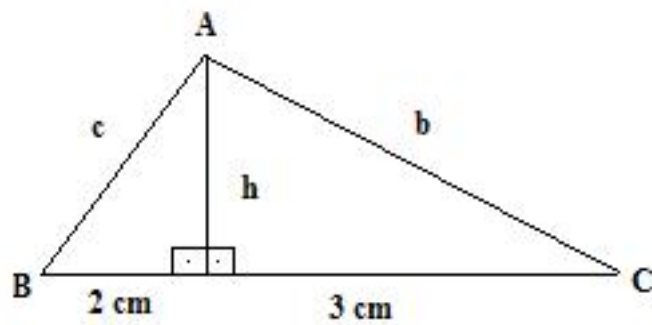
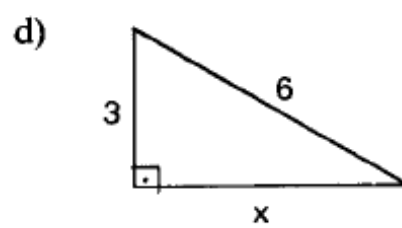
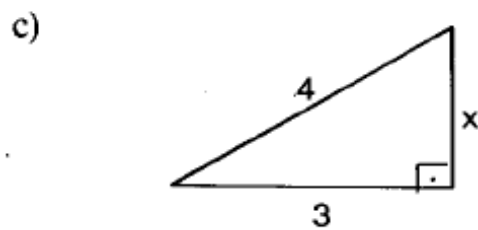
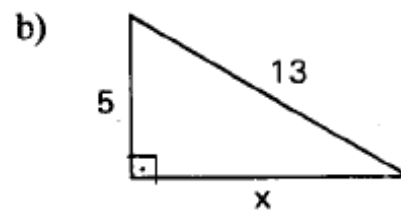
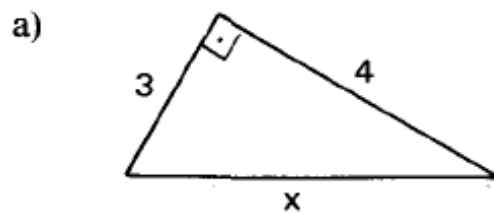


Relações métricas no triângulo retângulo

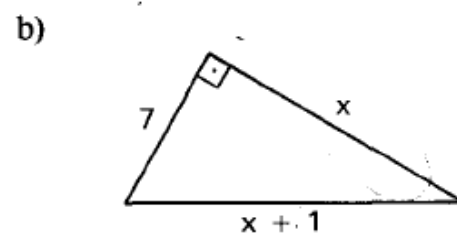
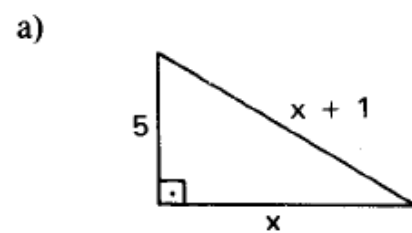
1) Determine c , h e b , na figura abaixo.



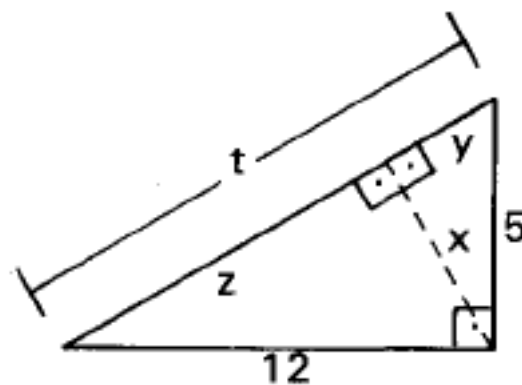
2) Determine o valor de x .



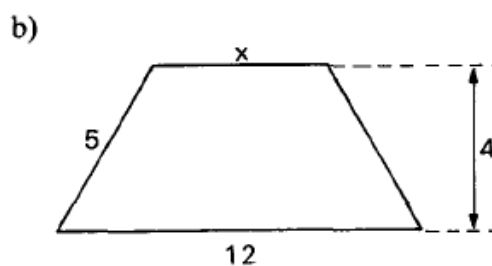
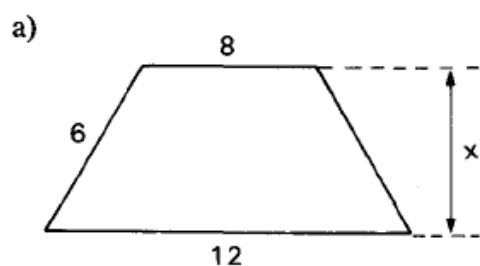
3) Determine o valor de x .



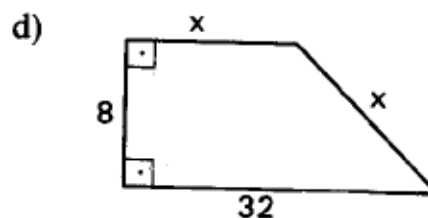
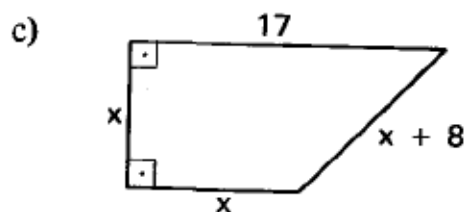
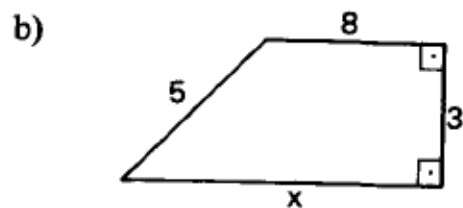
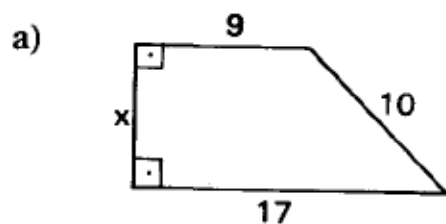
4) Determine os valores de x , y , z e t .



5) Os trapézios abaixo são isósceles. Determine x.



6) Os trapézios abaixo são retângulos. Determine x.



GABARITO:

1. $h = \sqrt{6}$, $b = \sqrt{15}$ e $c = \sqrt{10}$

2. a) 5 b) 12 c) $\sqrt{7}$ d) $3\sqrt{3}$

3. a) $x = 12$ b) $x = 24$

4. $t = 13$, $x = \frac{60}{13}$, $z = \frac{25}{13}$ e $y = \frac{144}{13}$

5. a) $x = 4\sqrt{2}$ b) $x = 6$

6. a) $x = 6$ b) $x = 12$ c) $x = 5$ d) $x = 17$