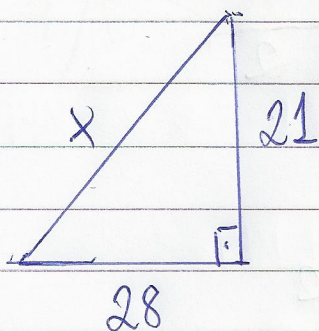


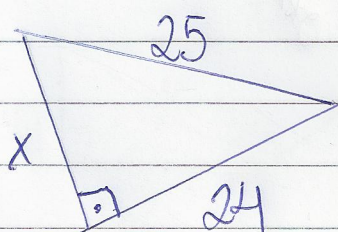
Passatempo

2)



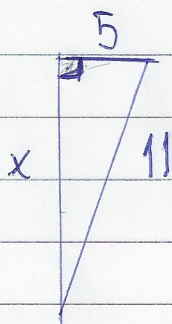
$$\begin{aligned}x^2 &= 21^2 + 28^2 \\x^2 &= 441 + 784 \\x^2 &= 1225 \\x &= \sqrt{1225} \\x &= 35\end{aligned}$$

b)



$$\begin{aligned}25^2 &= x^2 + 24^2 \\625 &= x^2 + 576 \\625 - 576 &= x^2 \\x^2 &= 49 \\x &= \sqrt{49} \\x &= 7\end{aligned}$$

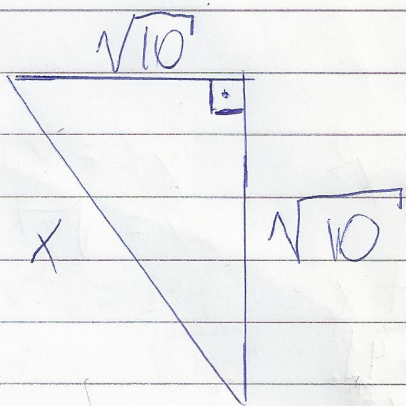
c)



$$x = 4\sqrt{6}$$

$$\begin{aligned}11^2 &= x^2 + 5^2 \\121 &= x^2 + 25 \\121 - 25 &= x^2 \\x^2 &= 96 \\x &= 4\sqrt{6}\end{aligned}$$

d)



$$x = 2\sqrt{5}$$

$$\begin{aligned}x^2 &= \sqrt{10}^2 + \sqrt{10}^2 \\x^2 &= 10 + 10 \\x^2 &= 20 \\x &= \sqrt{20}\end{aligned}$$