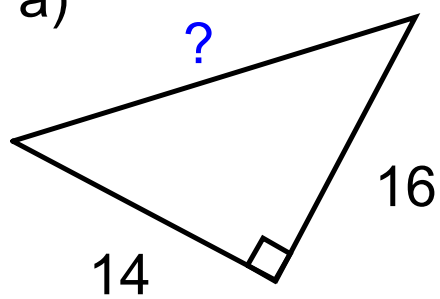


$$c^2 = a^2 + b^2$$

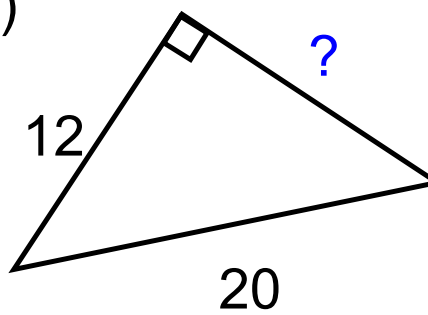
OR

$$a^2 = c^2 - b^2$$

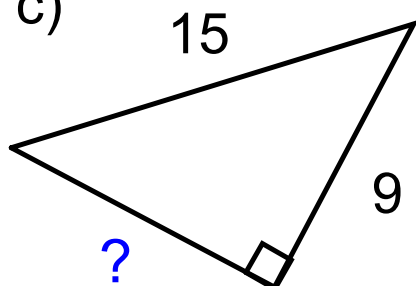
a)



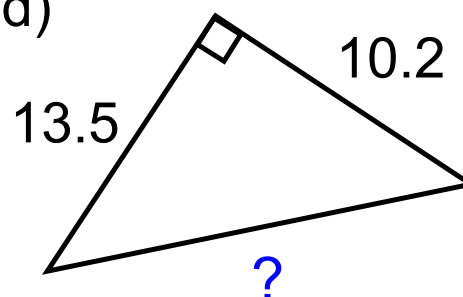
b)



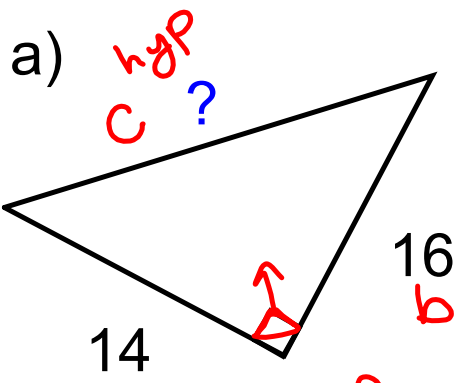
c)



d)



$c^2 = a^2 + b^2$ OR $a^2 = c^2 - b^2$



a

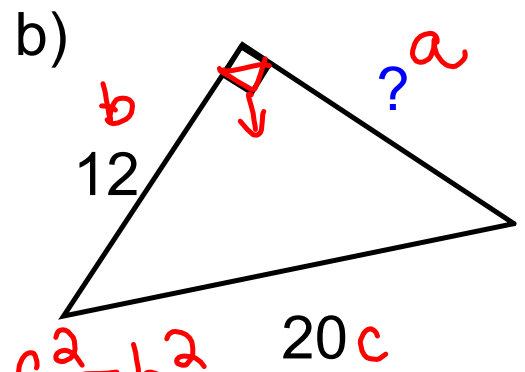
$$c^2 = a^2 + b^2$$

$$c^2 = 14^2 + 16^2$$

$$c^2 = 196 + 256$$

$$\sqrt{c^2} = \sqrt{452}$$

$$c = 21.3$$



$$a^2 = c^2 - b^2$$

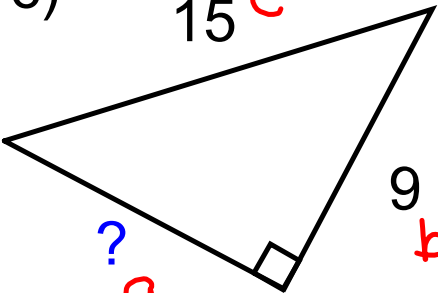
$$a^2 = 20^2 - 12^2$$

$$a^2 = 400 - 144$$

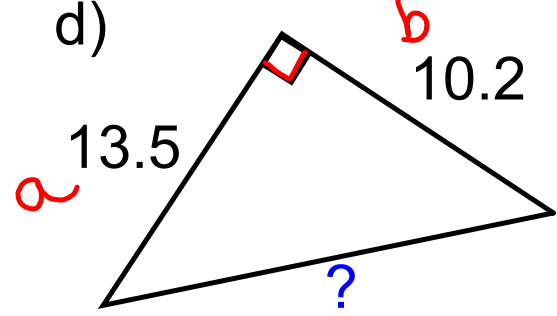
$$\sqrt{a^2} = \sqrt{256}$$

$$a = 16$$

$c^2 = a^2 + b^2$ OR $a^2 = c^2 - b^2$

c) 

$a^2 = c^2 - b^2$
 $a^2 = 15^2 - 9^2$
 $a^2 = 225 - 81$
 $\sqrt{a^2} = \sqrt{144}$
 $a = 12$

d) 

$c^2 = a^2 + b^2$
 $c^2 = 13.5^2 + 10.2^2$
 $c^2 = 182.25 + 104.04$
 $\sqrt{c^2} = \sqrt{286.29}$
 $c = 16.9$