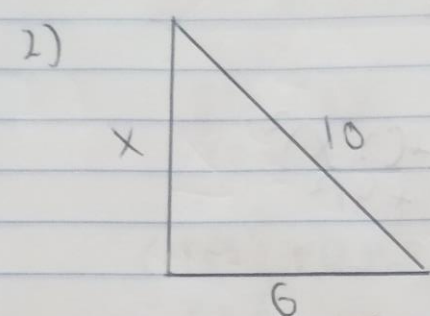


$$\sqrt{4}^2 + \sqrt{3}^2 = x^2$$

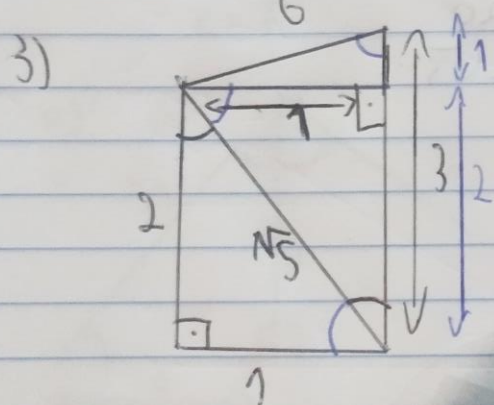
$$x = \sqrt{7}$$



$$x^2 + 36 = 100$$

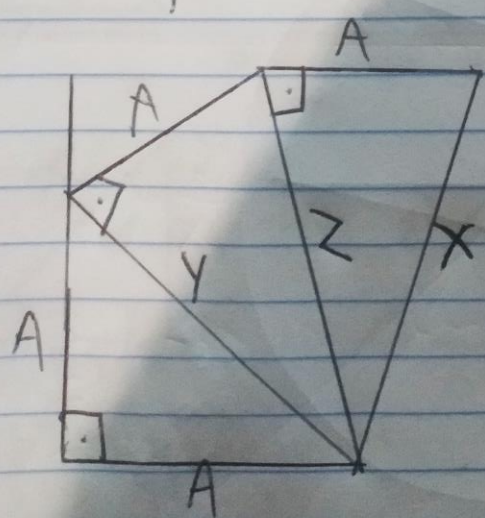
$$x^2 = 64$$

$$x = 8$$



$$1^2 + 1^2 = x^2$$

$$x = 2$$



$$A \cdot \sqrt{5} = y$$

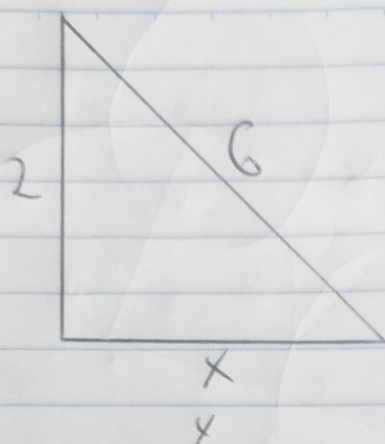
$$(A\sqrt{5})^2 + A^2 = 2^2$$

$$z = A\sqrt{3}$$

$$x^2 = (A\sqrt{3})^2 + A^2$$

$$y = 2A$$

5)



$$x^2 + 2^2 = 6^2$$

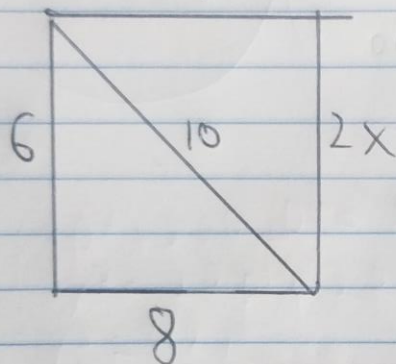
$$x^2 = 36 - 4$$

$$x = \sqrt{32}$$

$$\frac{(2 \cdot \sqrt{32})}{2} = x$$

$$x = 4\sqrt{2}$$

6)



$$10^2 = x^2 + (2x)^2$$

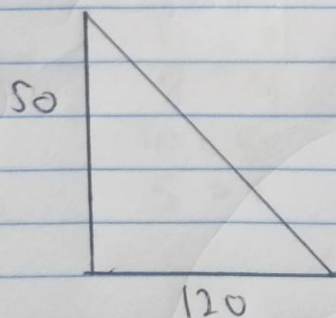
$$100 = x^2 + 4x^2$$

$$100 = 5x^2$$

$$x^2 = 20$$

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

7)

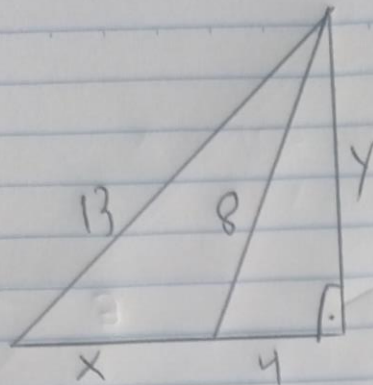


$$50^2 + 120^2 = x^2$$

$$x = 130$$

$$x = 130$$

8)



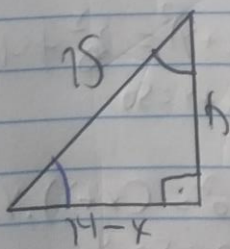
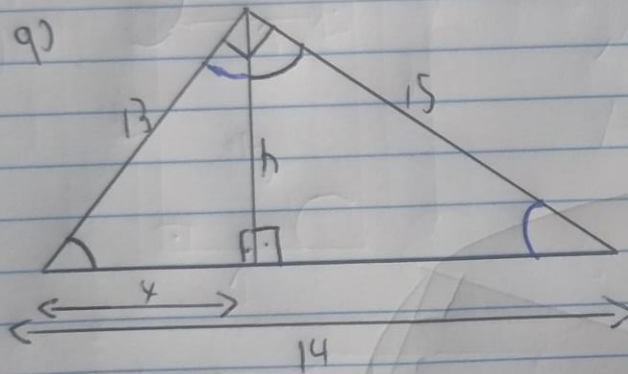
$$8^2 = 4^2 + y^2$$

$$y = 4\sqrt{3}$$

$$(4\sqrt{3})^2 + (x+4)^2 = 13^2$$

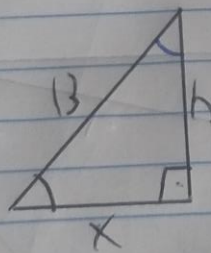
$$x = 7$$

9)



$$h^2 = (14-x)^2 - 15^2$$

$$h^2 = 13^2 - x^2$$



$$(14-x)^2 - 15^2 = 13^2 - x^2$$

$$28x = 169 - 21$$

$$x = 5$$

$$h^2 = 169 - 25$$

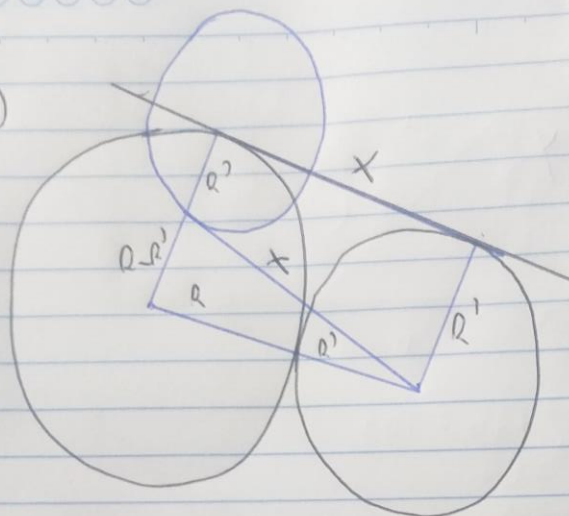
$$h = 12$$



data  
fecha

D S T Q Q S S  
D L M M J V S

10)



$$R^2 + 2RR' + R'^2 = x^2 + R^2 - 2RR'(-R')^2$$

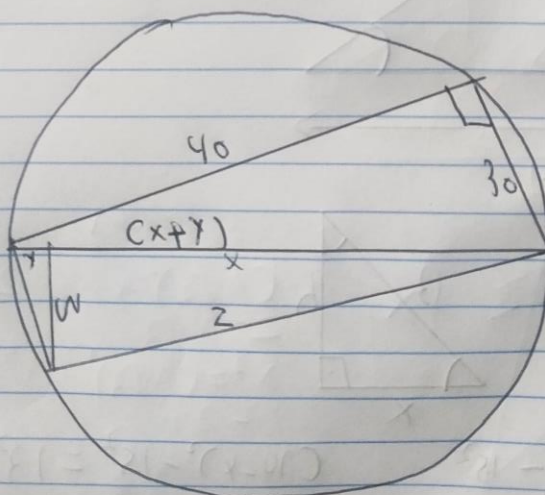
$$x^2 = 2RR' + 2RR'$$

$$x^2 = 4RR'$$

$$x^2 = 2^2 R \cdot R'$$

$$x = 2\sqrt{RR'}$$

11)



$$(x+y)^2 = 30^2 + 40^2$$

$$x+y=50$$

$$20^2 = (x+y) \cdot y$$

$$400 = 50 \cdot y$$

$$y=8$$