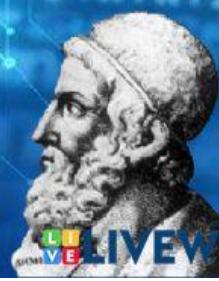


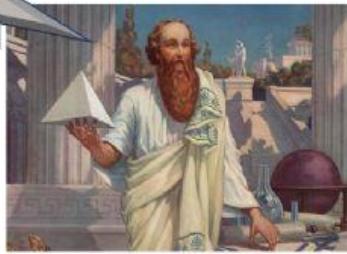
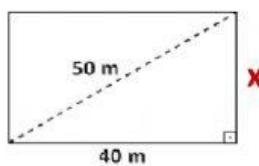
MATEMÁTICOS FAMOSOS

EM TEOREMA DE PITÁGORAS



LIVE WORKSHEETS

01 - Pitágoras comprou um terreno retangular que possui 50 m de diagonal e 40 m de comprimento.



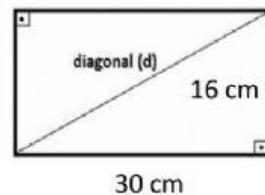
a) Quantos metros de corda serão necessários para cercar este terreno?

$$P = \boxed{\quad} \text{ m}$$

b) Qual a área desse terreno?

$$A = \boxed{\quad} \text{ m}^2$$

02 - Qual é a medida da diagonal de um retângulo que tem 30 cm de comprimento e 16 cm de altura?

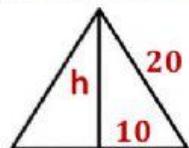
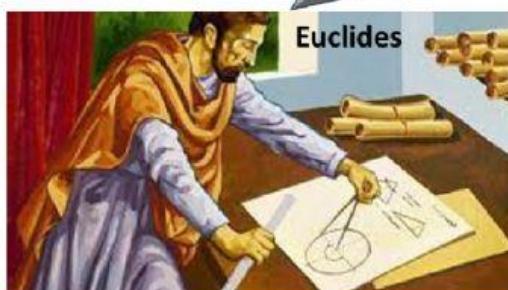


René Descartes

$$d = \boxed{\quad} \text{ cm}$$

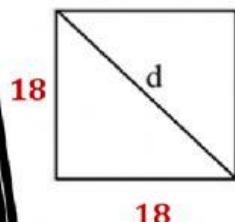
$$B^2 S = 3 \quad \alpha = \text{PKPG}$$

03 – Encontre a medida da altura de um triângulo equilátero que tem 20 cm de lado.



$$h = \boxed{} \text{ cm}$$

04 – Quanto mede a diagonal de um quadrado que tem 18 cm de lado?

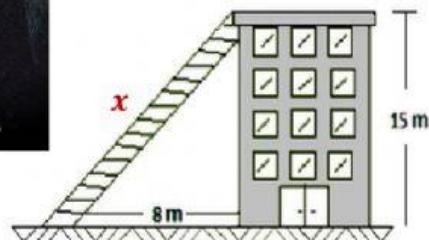


$$d = \boxed{} \text{ cm}$$



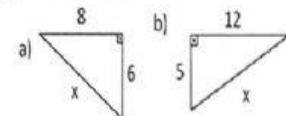
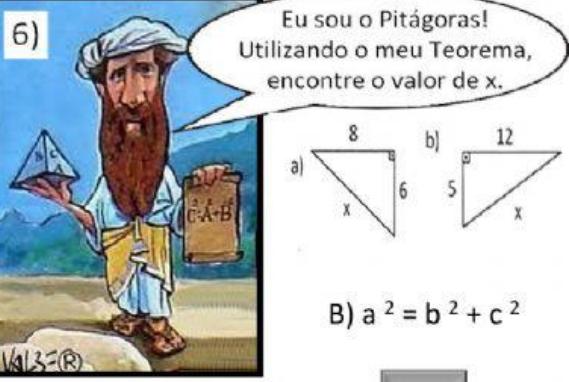
Leonhard Euler

05 – 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. Qual é o comprimento da escada?



$$x = \boxed{\quad} \text{ m}$$

6)

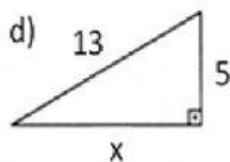
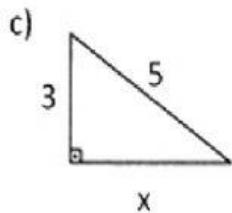


B) $a^2 = b^2 + c^2$

$x = \boxed{\quad}$

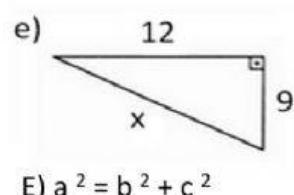
A) $a^2 = b^2 + c^2$

$x = \boxed{\quad}$



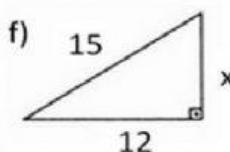
C) $a^2 = b^2 + c^2$
 $x =$

D) $a^2 = b^2 + c^2$
 $x =$



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

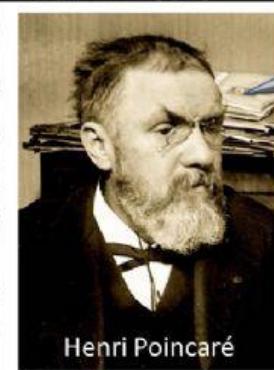
$x =$



F) $a^2 = b^2 + c^2$
 $x =$



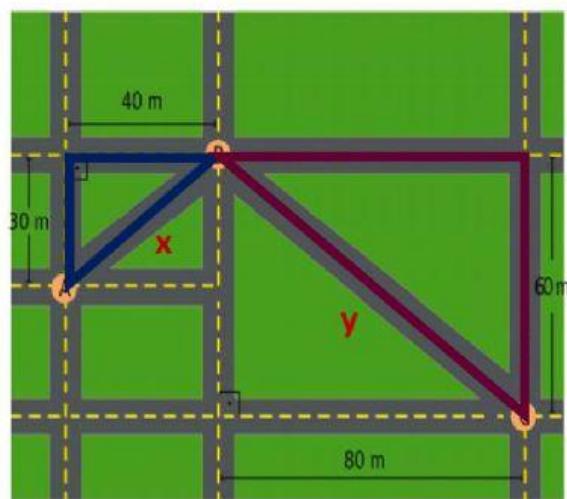
$c^2 = a^2 + b^2$



07 – Henri Poincaré percorre a trajetória de A até C, passando por B.

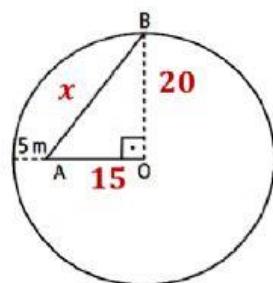
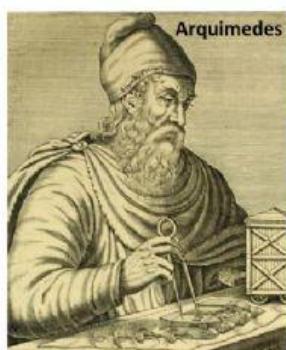
Qual foi a distância percorrida?

Henri Poincaré percorreu



8) Para ir do ponto central O até o ponto B, localizados numa praça de formato circular, de diâmetro igual a 40 m, Arquimedes foi até o ponto A, e dali seguiu em linha reta até o ponto B, conforme indicado na figura.

Nesse caso, quantos metros Arquimedes caminhou?



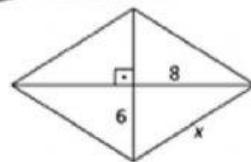
Arquimedes caminhou

m

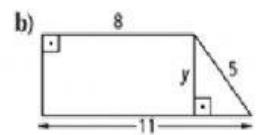


Determine a medida dos segmentos indicados nas figuras.

a)

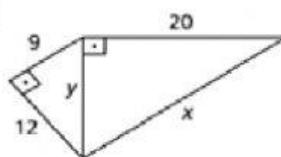


$x =$



$y =$

c)



$x =$
 $y =$