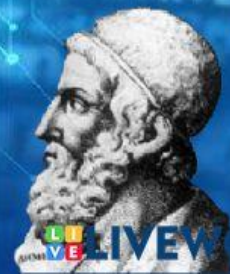
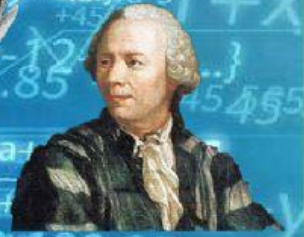
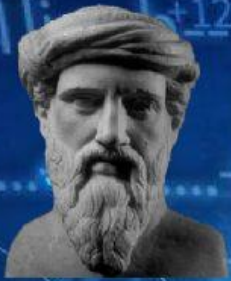


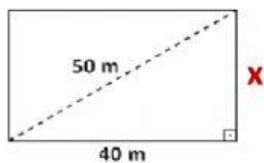
MATEMÁTICOS FAMOSOS

EM
TEOREMA DE
PITÁGORAS



LIVEWORKSHEETS

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



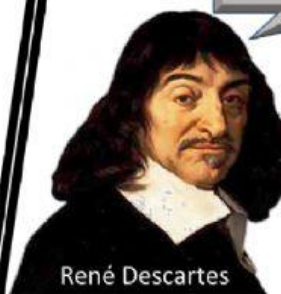
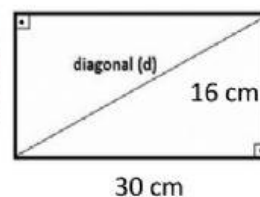
a) Quantos metros de corda serão necessários para cercar este terreno?

P = m

b) Qual a área desse terreno?

A = m^2

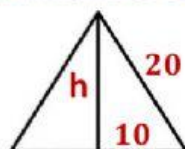
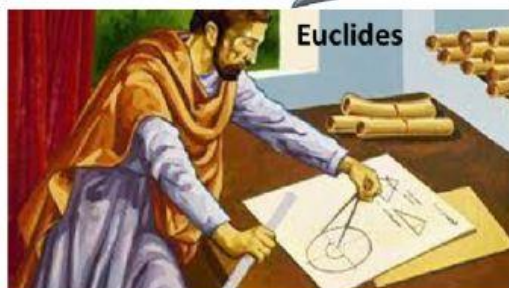
02 – Qual é a medida da diagonal de um retângulo que tem 30 cm de comprimento e 16 cm de altura?



René Descartes

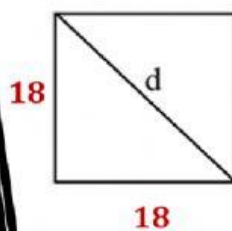
d = cm

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

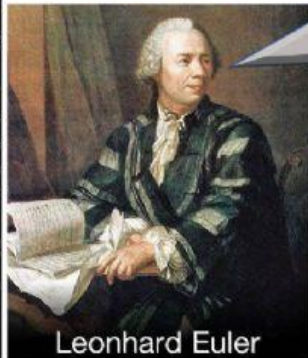


$h =$ cm

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

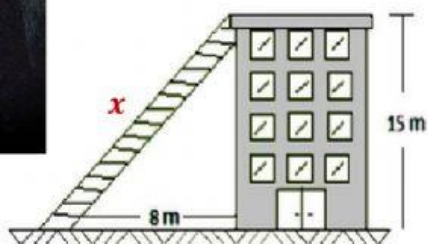


$d =$ cm



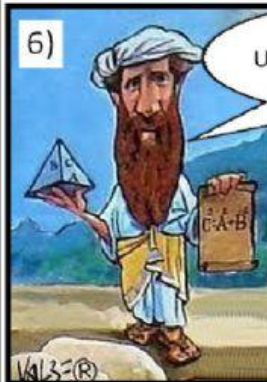
Leonhard Euler

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?

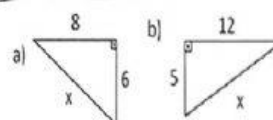


x = m

6)



Eu sou o Pitágoras!
Utilizando o meu Teorema,
encontre o valor de x.

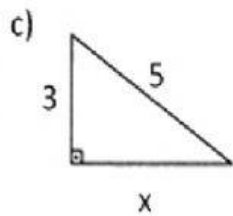


B) $a^2 = b^2 + c^2$

x =

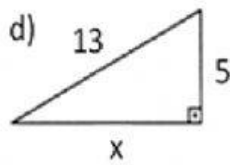
A) $a^2 = b^2 + c^2$

x =



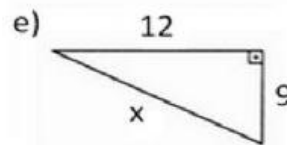
C) $a^2 = b^2 + c^2$

$x =$



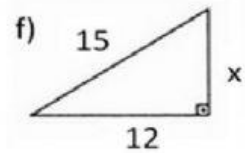
D) $a^2 = b^2 + c^2$

$x =$



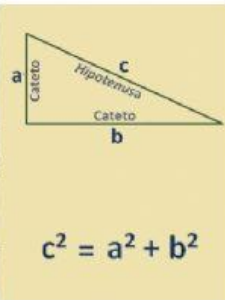
E) $a^2 = b^2 + c^2$

$x =$



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

$x =$



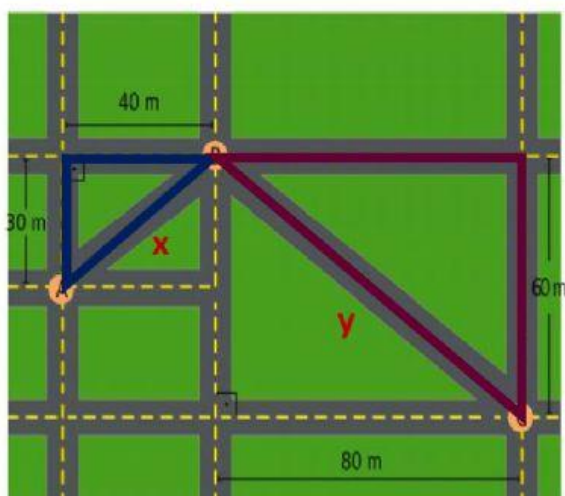


Henri Poincaré

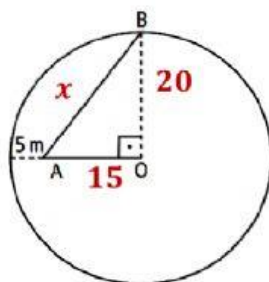
07 – Henri Poincaré percorre a trajetória de A até C, passando por B.

Qual foi a distância percorrida?

Henri Poincaré percorreu m.



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?



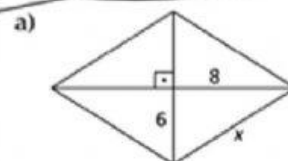
Arquimedes caminhou

m

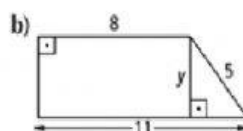
9)



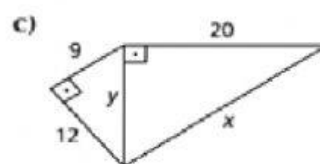
Determine a medida dos segmentos indicados nas figuras.



x =



y =



x =

y =