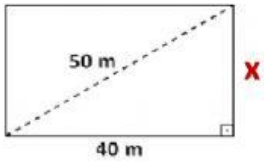
MATEMÁTICOS FAMOSOS
EM
TEOREMA DE
PITÁGORAS
Adriana Santos
MATEMÁTICA
LIVEWORKSHEETS

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



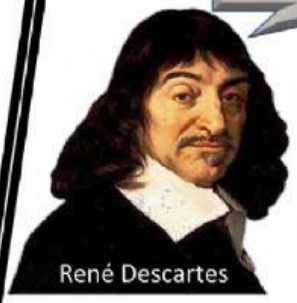
a) Quantos metros de corda serão necessários para cercar este terreno?

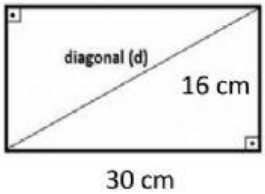
P = ____ m

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?





d = ____ cm

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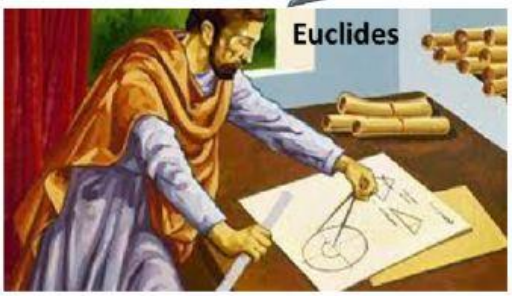
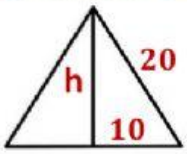
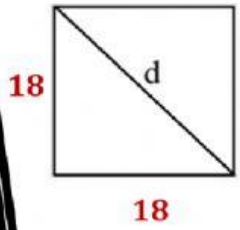
03 – Encontre a medida da altura de um triângulo equilátero que tem 20 cm de lado.

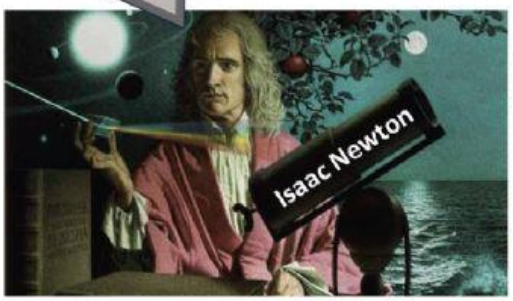




h = ____ cm

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





d = ____ cm

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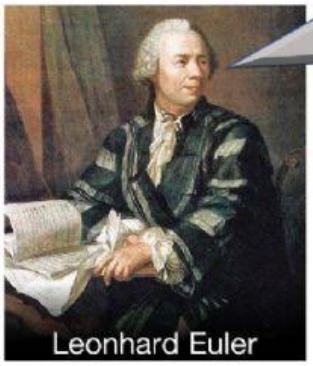
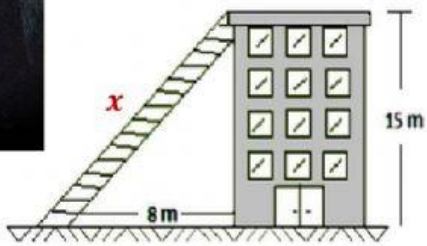
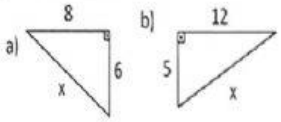


05 – A figura mostra um edifício que tem 15 m de altura, com uma escada colocada a 8 m de sua base ligada ao topo do edifício. Qual é o comprimento da escada?



x = ____ m

6)



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

x = ____

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

x = ____

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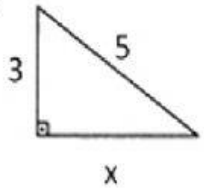
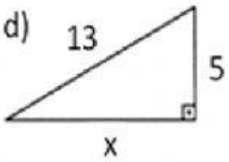
c)



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

x =

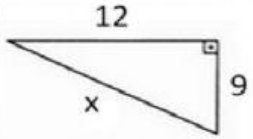
d)



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

x =

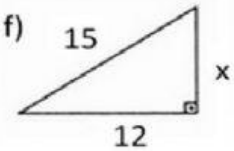
e)



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

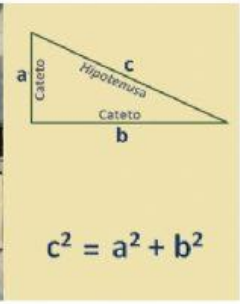
x =

f)



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

x =



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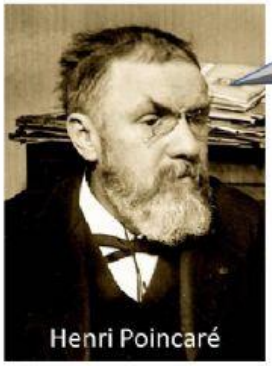
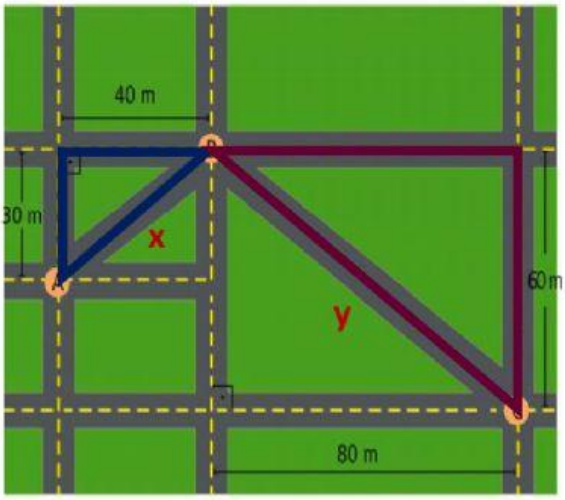


07 – Henri Poincaré percorre a trajetória de A até C, passando por B.

Qual foi a distância percorrida?

Henri Poincaré percorreu _____ m.



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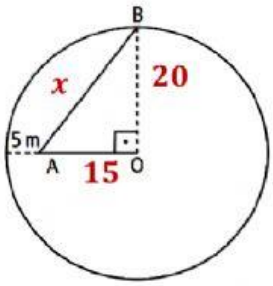
8) Para ir do ponto central O até o ponto B, localizados numa praça de formato circular, de diâmetro igual a 40 m, Arquimedes foi até o ponto A, e dali seguiu em linha reta até o ponto B, conforme indicado na figura.

Nesse caso, quantos metros Arquimedes caminhou?



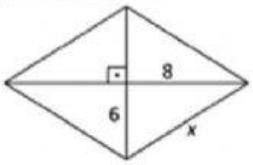
Arquimedes caminhou

m

9)

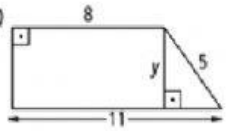
Determine a medida dos segmentos indicados nas figuras.

a)



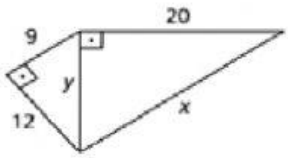
x =

b)



y =

c)



x =

y =

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