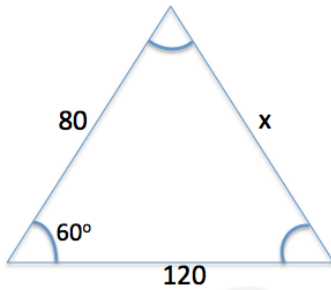


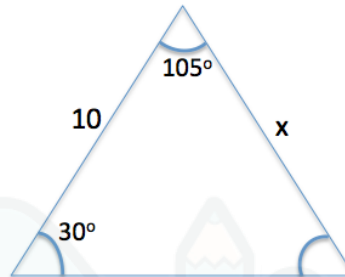
Lei dos Cossenos e dos Senos

1) Determine o valor de x :

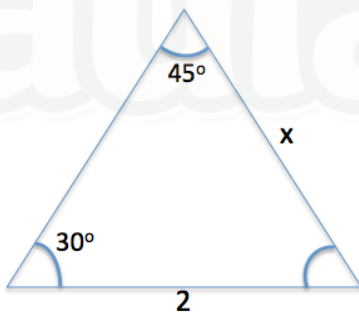
a)



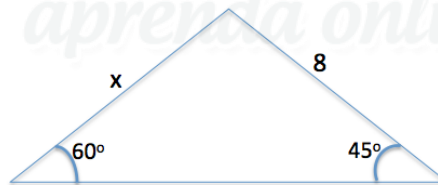
c)



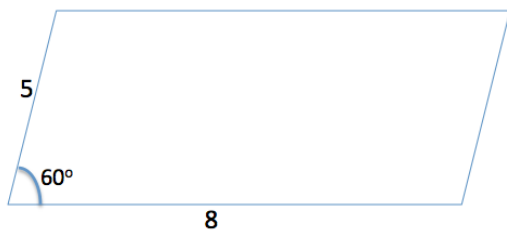
b)



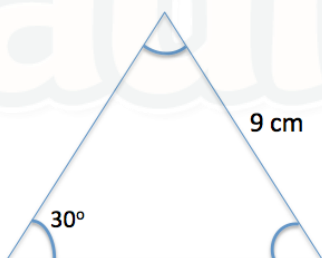
d)



2) Calcule a medida da diagonal do paralelogramo utilizando o ângulo de 60°

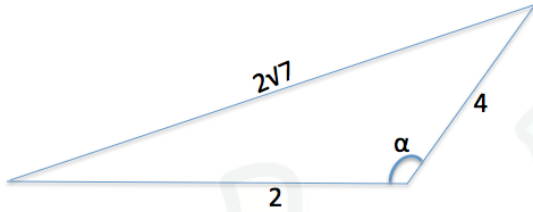


3) Determine o valor do raio:

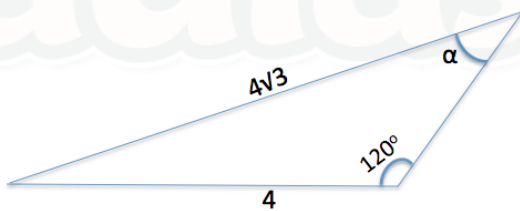


4) Calcule o ângulo α na figura abaixo:

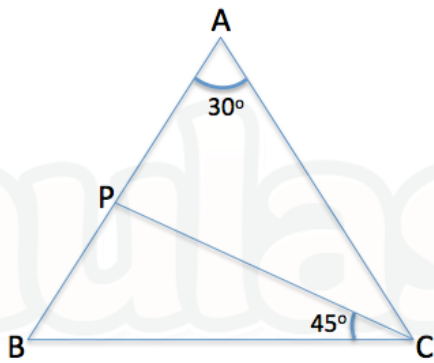
a)



b)



5) No triângulo ABC, temos $BC = 4\text{cm}$ e os lados AB e AC têm médias iguais. Calcule a medida do segmento BP .



Gabarito

1) a) $40\sqrt{7}$

b) $\sqrt{2}$

c) $5\sqrt{2}$

d) $8\sqrt{6}/3$

2) 7

3) 9 cm

4) a) 120°

b) 30°

5) $4\sqrt{6}/3$