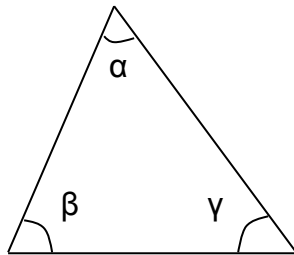


Lista 02 – Ângulos em um triângulo

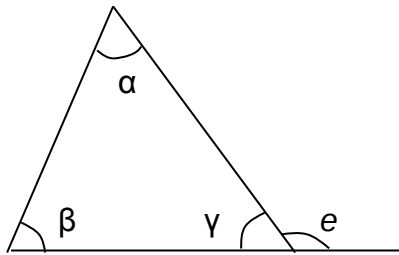
01)

a) Qual o valor da soma dos ângulos internos de um triângulo qualquer?



$$\alpha + \beta + \gamma = ?$$

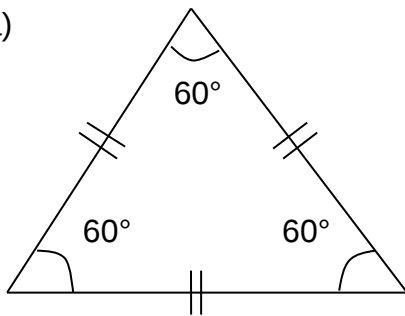
b) Qual o valor do ângulo externo e ?



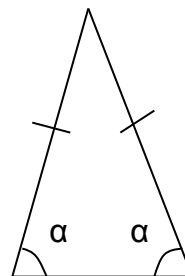
$$e = ?$$

02) Classifique os triângulos abaixo (isósceles, equilátero, retângulo).

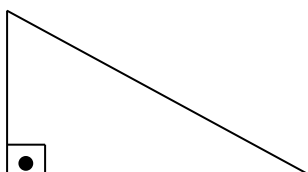
a)



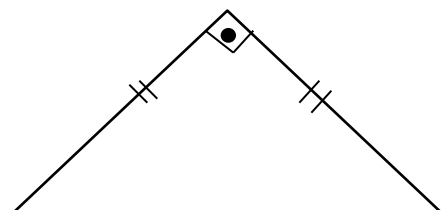
b)



c)

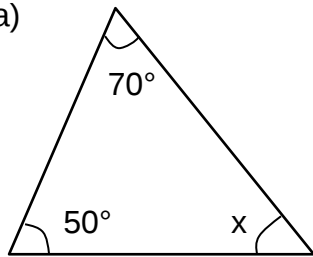


d)

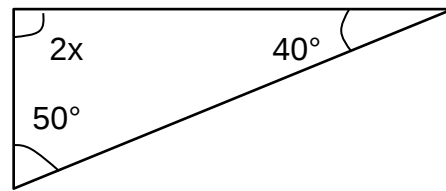


03) Determine o valor de x :

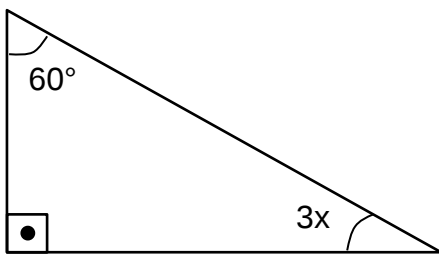
a)



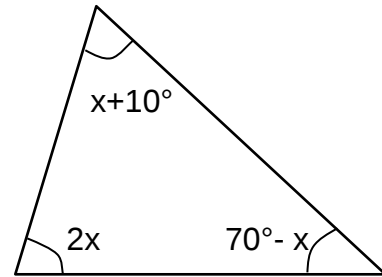
b)



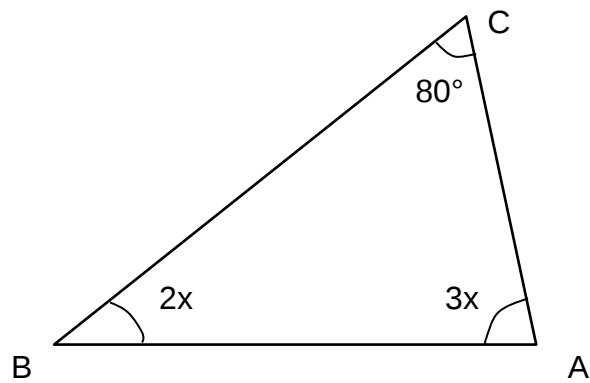
c)



d)



04) Na figura, o ângulo $\widehat{BAC}$ mede:



a) 20°

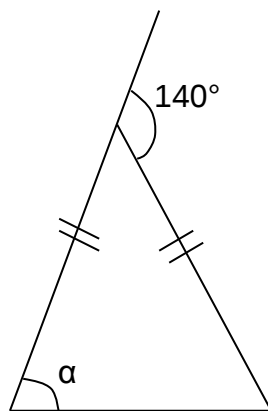
b) 40°

c) 60°

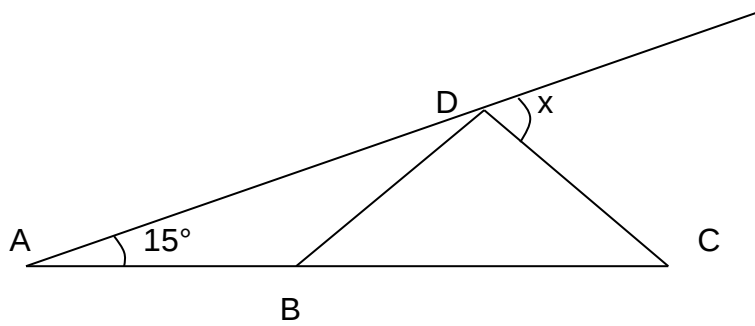
d) 80°

e) 100°

05) Sabendo que o triângulo é isósceles, determine α :



06) Na figura, $AB = BD = DC$



O valor de x é:

- a) 25°
- b) 30°
- c) 45°
- d) 60°
- e) 75°

Gabarito:

01-a) 180° . b) $\alpha + \beta$. 02-a) equilátero. b) isósceles. c) retângulo. d) retângulo e isósceles. 03-a) 60° b) 45° c) 10° d) 50° 04) C 05) 70° 06) C.