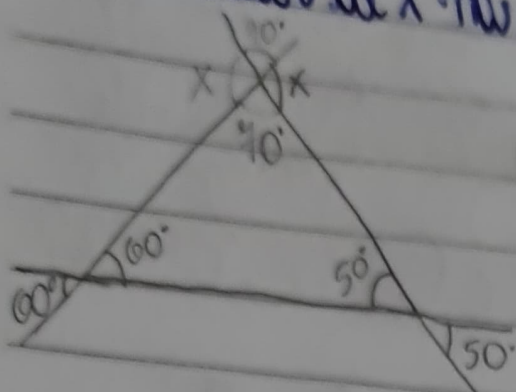


* Tarefa Básica Triângulos

01 - O valor de x na figura é:



$$a = 180^\circ - 60^\circ - 50^\circ$$

$$(a = 70^\circ)$$

$$2x + 70^\circ + 70^\circ = 360^\circ$$

$$2x = 360^\circ - 140^\circ$$

$$2x = 220^\circ$$

$$(x = 110^\circ)$$

Alt C

02 - Os ângulos de um triângulo medem, respectivamente, $3x$, $4x$ e $5x$. Então x vale em graus:

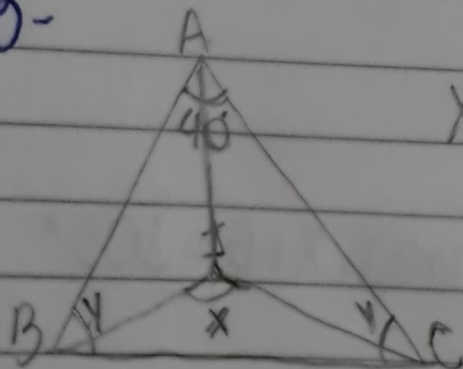
$$3x + 4x + 5x = 180^\circ$$

$$12x = 180^\circ$$

$$(x = 15^\circ)$$

Alt E

03 -



$$x = 40^\circ + 35^\circ + 35^\circ$$

$$(x = 110^\circ)$$

Alt D

$$40 + 2y = 180^\circ$$

$$2y = 180^\circ - 40^\circ \quad 40^\circ / 2 = 35^\circ$$

$$(y = 70^\circ)$$

10/05/21 04- $a < b+c$
 $a < 2+3$
 $a < 5$

$a < b+c$
 $a < 2+5$
 $a < 7$

$8 > 5$

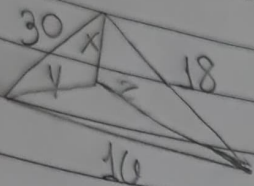
$7 > 5$

$6 > 5$

$5 = 5$

logos, Alt (E), pnia ($4 > 4 < 5$)

05-



$x+y > 30$

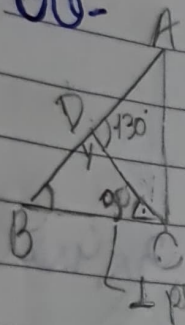
$x+z > 18$

$y+z > 16$

$x+y+z = ?$

logos, Alt (E)

06-



$\angle ADC = 130^\circ$

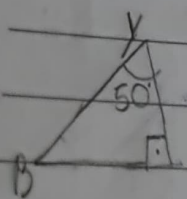
$AD \cong CD$

$CD \perp BC$

Resp: $A = 25^\circ, B = 40^\circ, C = 115^\circ$

$180^\circ - 130^\circ = 50^\circ$

$50^\circ / 2 = 25^\circ$



$B = 180^\circ - 90^\circ - 50^\circ$

$B = 40^\circ$

$C = 90^\circ + 25^\circ$

$C = 115^\circ$

$A = 25^\circ$

07- $\hat{Y} = 20^\circ$

$\angle YKZ = 105^\circ$

$XZ \cong XK$

$d = 180^\circ - 20^\circ - 105^\circ$

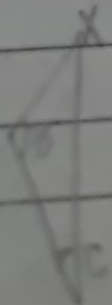
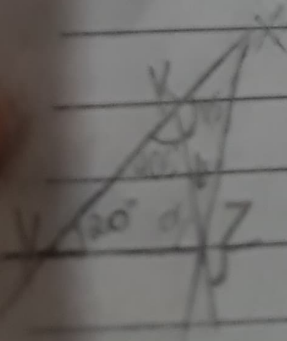
$d = 55^\circ$

$\angle XK = 105^\circ$, então $X + \beta = 105^\circ$

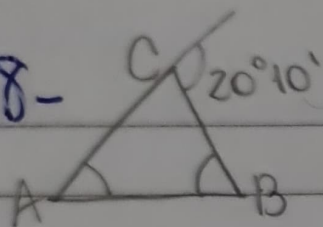
$Z = 55^\circ + 45^\circ$

$Z = 100^\circ$

$X = 30^\circ$



08-



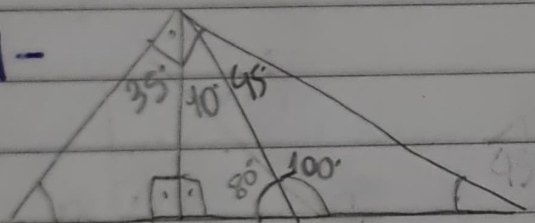
$$A + B = \text{Ex} C$$

$A + B = 20^\circ 10'$, logo os 2 lados
sendo 2 lados
iguais

10/05/21

alternativa (B) $10^\circ 05'$

09-

Respi: 35° e 55°

$$180^\circ - 10^\circ - 90^\circ = 80^\circ$$

$$180^\circ - 100^\circ - 45^\circ = 35^\circ$$

$$90^\circ - 10^\circ - 45^\circ = 35^\circ$$

$$180^\circ - 35^\circ - 90^\circ = 55^\circ$$