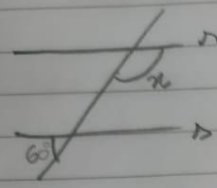
15.09.21

Sabrina Medeiros de Lima - CT11317

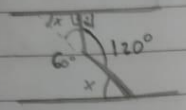
Tarefa básica - Geometria Plana

01- 

valor de x = ?

$60° + x = 180°$

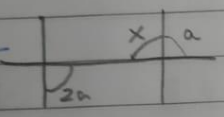
$x = 180° - 60° \rightarrow 120°$ R.C

02- 

$60 + 90 + x = 180$

$x = 180 - 150$

$x = 30°$ R.B

03- 

$x = 2a \rightarrow$ são alternas internas, ou seja, congruentes

$x + a = 180°$

$2a + a = 180$

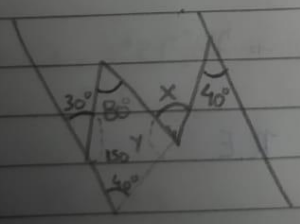
$3a = 180$

$a = \frac{180}{3} \rightarrow 60°$

$x = 2a$

$x = 2 \cdot 60 \rightarrow 120°$

R.D

04 

$180 - 30 = 150$

$80 + 150 + 40 + Y = 360$

$Y = 360 - 270$

$Y = 90°$

$X + Y = 180$

$X = 180 - 90$

$X = 90$

$X = 90°$

05- $Y + x = 180°$ $\quad Y = \frac{5}{4}x$

$x + \frac{5}{4}x = 180°$

$\frac{9}{4}x = 180$ $\quad Y = \frac{5}{4}.80$

$x = \frac{180}{\frac{9}{4}}$ $\quad Y = 100°$

$x = \frac{180}{\frac{4}{9}}$

$x = 80°$

R. A

06- $x = \frac{90 - x}{2}$

$2x + x = 90$

$3x = 90$

$x = \frac{90}{x} \rightarrow 30$

R.A

07- $\frac{3.(90-x)}{1} = \frac{180-x}{3} \rightarrow 9.(90-x) = 180-x$

$810 - 9x = 180 - x$

$810 - 180 = -x + 9x$

$630 = 8x$

$x = \frac{630}{8} \rightarrow 78,75'$

R.E