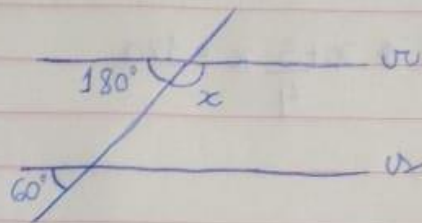


Tarefa Básica - Geometria Plana

Q1) $x + 60^\circ = 180^\circ$

$x = 180^\circ - 60^\circ$

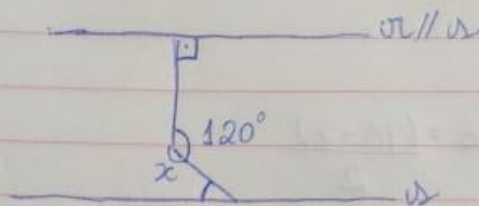
$x = 120^\circ$ C_{||}



Q2) $x + 120^\circ = 180^\circ$

$x = 180^\circ - 120^\circ$

$x = 60^\circ$



$60^\circ + 90^\circ = 150^\circ$

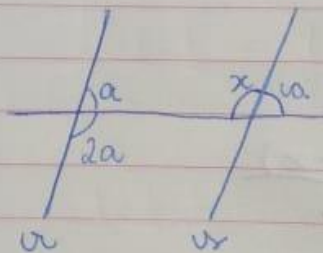
$180^\circ - 150^\circ = 30^\circ$ B_{||}

Q3) $3a = 180^\circ$

$a = \frac{180}{3} = 60$

$x + 60^\circ = 180^\circ$

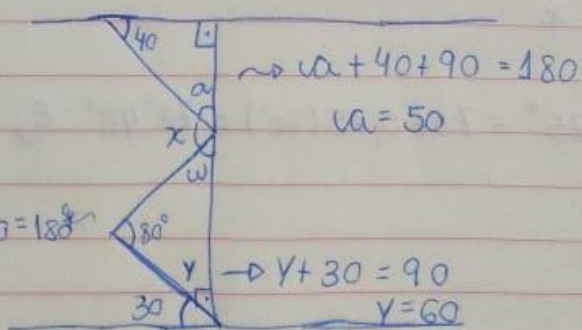
$x = 180^\circ - 60^\circ = 120^\circ$ D_{||}



Q4) $x + 50 + 40 = 180^\circ$

$x = 180^\circ - 90$

$x = 90^\circ$



$w + 80 + 60 = 180^\circ$

$w = 40$

$u + 40 + 90 = 180$

$u = 50$

$y + 30 = 90$

$y = 60$

$$\textcircled{05} \frac{5}{4} = (180^\circ - x) \rightarrow x + \frac{5}{4}x = 180$$

$$4x + 5x = 720$$

$$9x = 720$$

$$x = \frac{720}{9} = 80, (A)$$

$$\textcircled{06} 90^\circ - x \rightarrow x = \frac{(90 - x)}{2}$$

$$2x = 90 - x$$

$$3x = 90$$

$$x = \frac{90}{3} = 30^\circ \quad A,,$$

$$\textcircled{07} 3(90^\circ - x) = \frac{(180^\circ - x)}{3}$$

$$9(90^\circ - x) = 180^\circ - x$$

$$810 - 9x = 180^\circ - x$$

$$810 - 180 = 9x - x$$

$$630 = 8x$$

$$x = \frac{630}{8} = 78,75^\circ = 78 + 0,75(60') = 78^\circ 45' \quad E,,$$