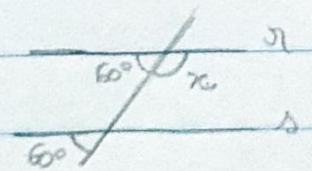
Tarefa Básica

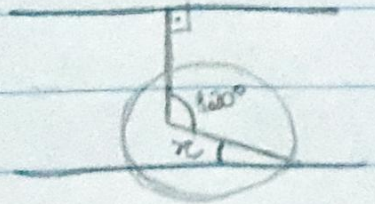
① 

$60° + x = 180°$

$x = 180° - 60°$

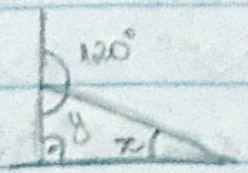
$x = 120°$

Alternativa (C)

② 

$120° + y = 180°$

$y = 60°$



$90 + x + 60° = 180°$

$x = 180° - 150°$

$x = 30°$

Alternativa (B)

③ $x = 2a$

$x + a = 180°$

$2a + a = 180°$

$a = \frac{180°}{3}$

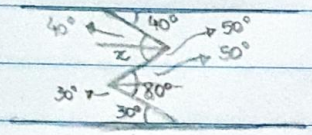
$a = 60°$

$x + 60° = 180°$

$x = 120°$

Alternativa (D)

④



$50° + 40° = 90°$

⑤ $x = \frac{5(180° - x)}{4} = \frac{900° - 5x}{4}$

$4x = 900° - 5x$

$9x = 900°$

$x = 100°$

Alternativa (A)

⑥ $x = \frac{90° - x}{2}$

$2x = 90° - x$

$3x = 90°$

$x = 30°$

Alternativa (A)

⑦ $3(90° - x) = \frac{180° - x}{3}$

$270° - 3x = \frac{180° - x}{3}$

$810° - 9x = 180° - x$

$630° = 8x$

$x = 78°45'$

Alternativa (E)