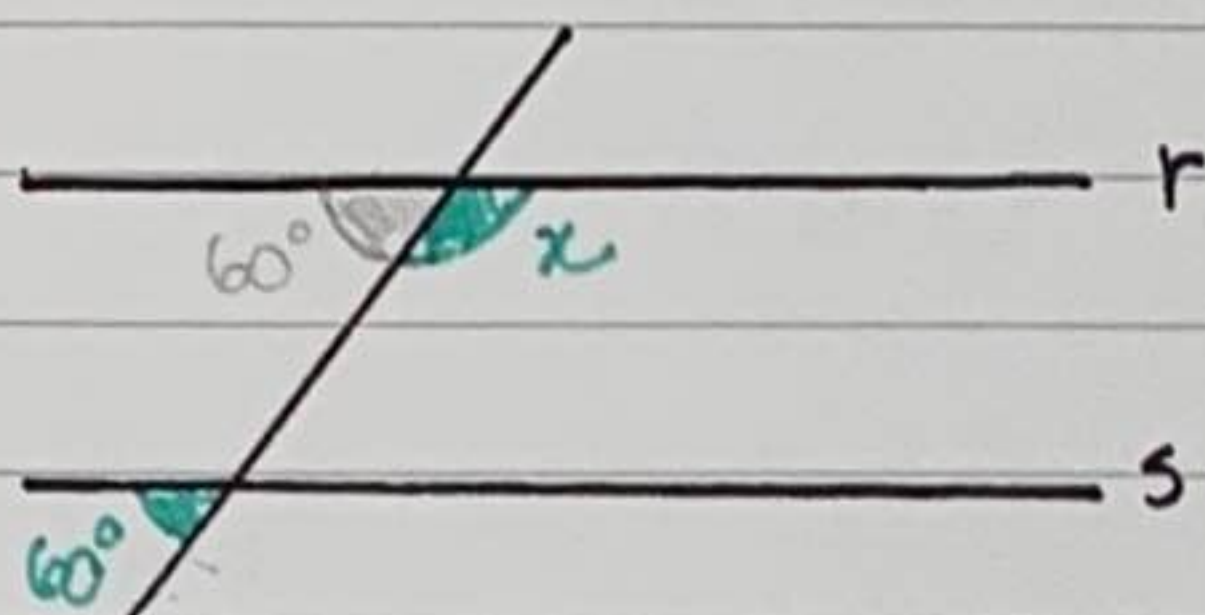


EXERCÍCIOS GEOMETRIA

03.05

01-

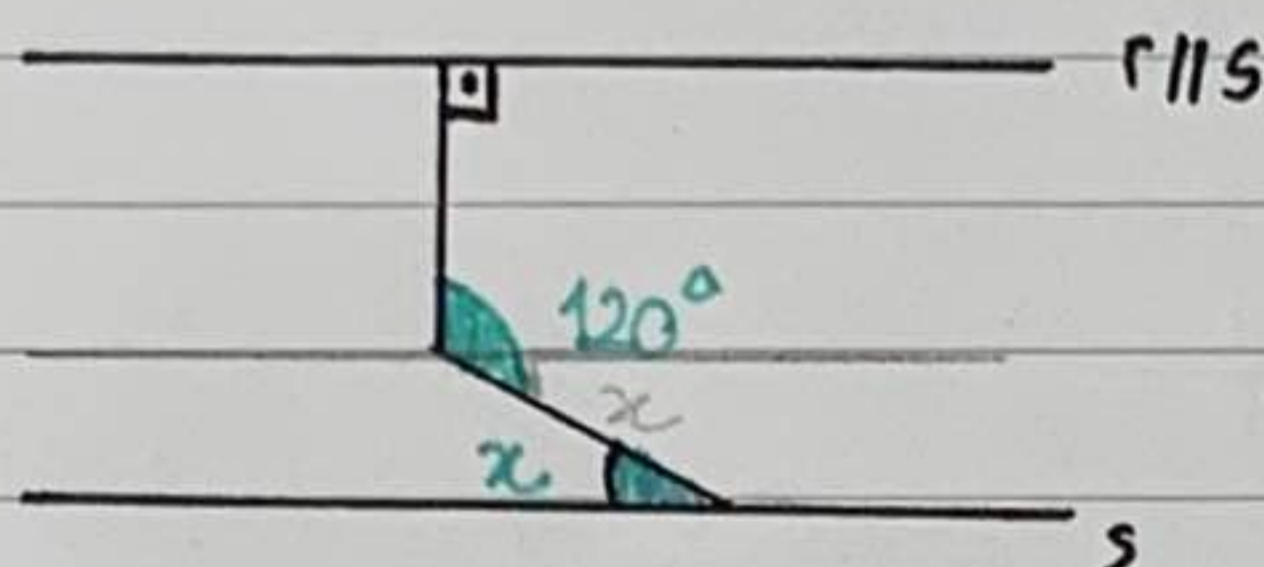


$$x = 180^\circ - 60^\circ$$

$$x = 120^\circ //$$

alternativa
c //

02-



$$120^\circ - 90^\circ = 30^\circ$$

$$x = 30^\circ //$$

alternativa
b //

03-

$$a = 180 : 3$$

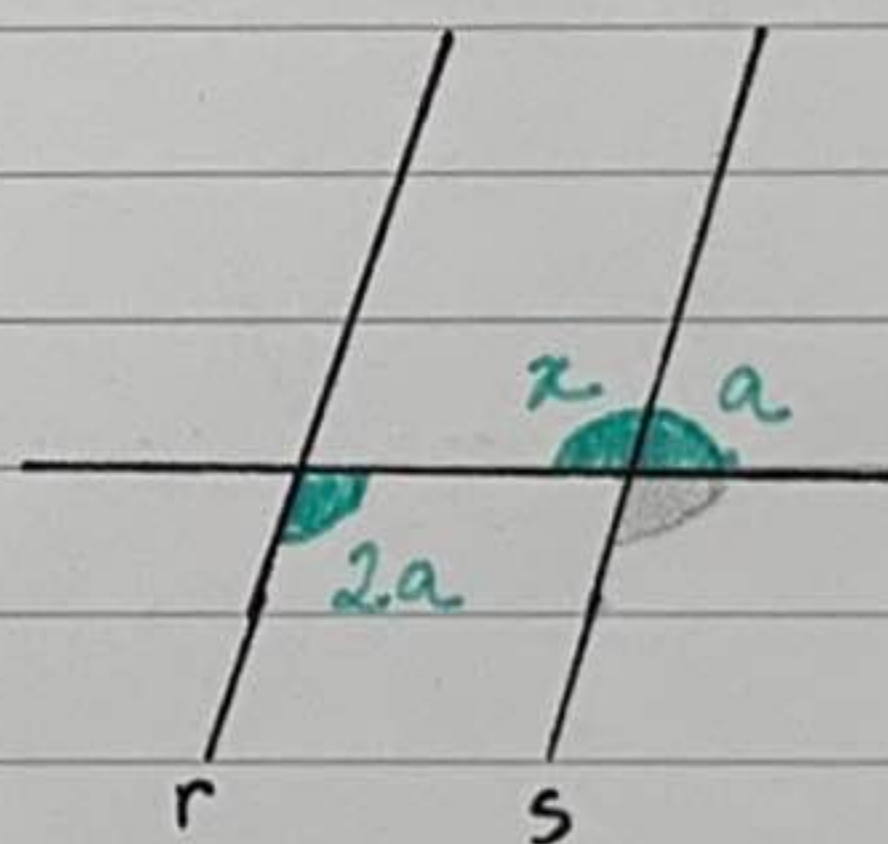
$$a = 60$$

$$x = 2 \cdot a$$

$$x = 2 \cdot 60$$

$$x = 120 //$$

alternativa
d //



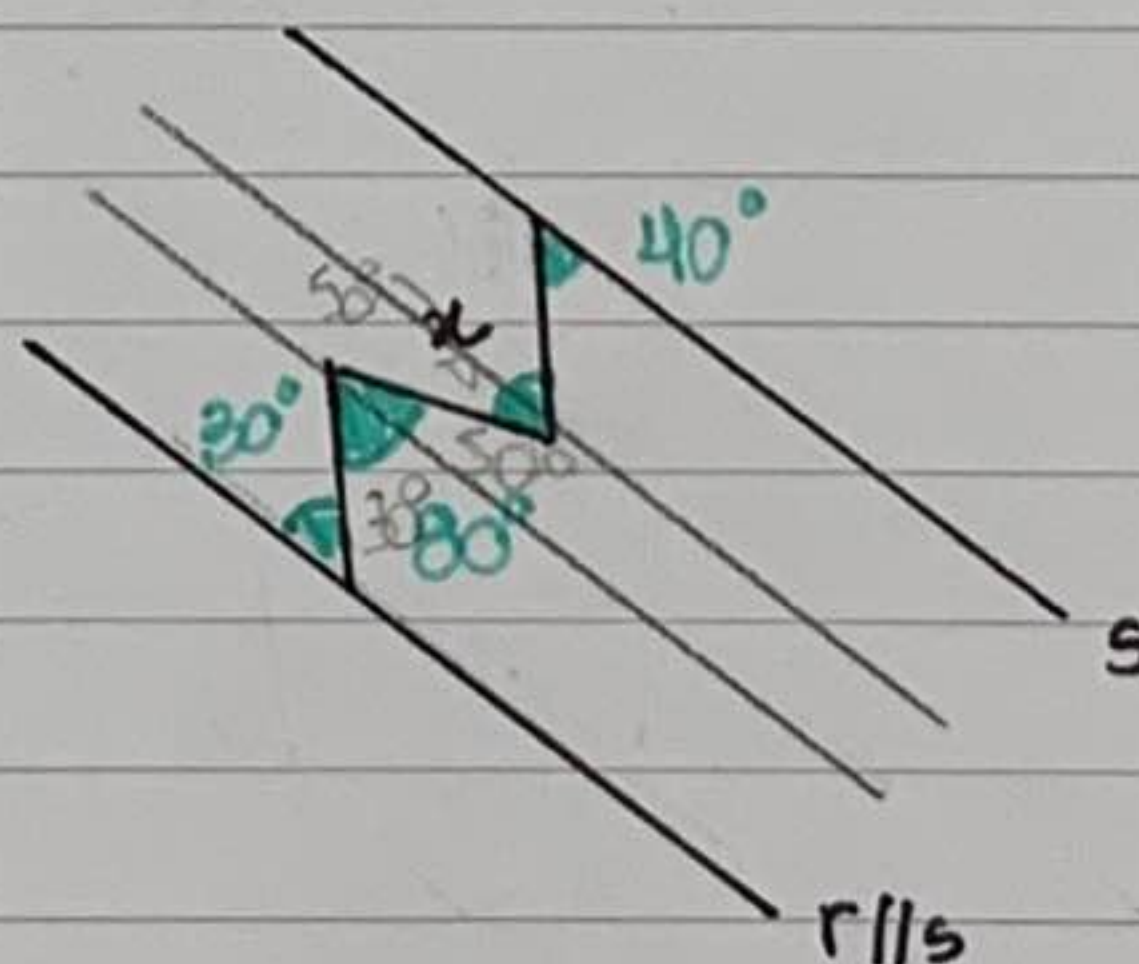
$$x = 2a$$

04-

$$80^\circ - 30^\circ = 50^\circ$$

$$50^\circ + 40^\circ = 90^\circ$$

$$x = 90^\circ //$$



05-

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

$$4x = 5 \cdot (180 - x)$$

$$4x + 5x = 900$$

$$x = \frac{900 - 5x}{4}$$

$$4x = 900 - 5x$$

$$4x + 5x = 900$$

$$9x = 900$$

$$x = \frac{900}{9} \quad x = 100 //$$

alternativa
A //

$$06 - \frac{\hat{x}}{x} = \frac{1}{2} \cdot (90^\circ - x)$$

$$2 \cdot x = 90^\circ - x$$

$$2x + x = 90^\circ$$

$$3x = 90^\circ$$

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

Alternativa a //

$$07 - 3 \cdot (90^\circ - x) = \frac{1}{3} \cdot (180^\circ - x)$$

$$3 \cdot 3 (90^\circ - x) = (180^\circ - x)$$

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

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

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

$$630 = 8x$$

$$\frac{630}{8} = x$$

$$x = 78^\circ 45'$$

alternativa E //

$$\begin{array}{r} 5 \overline{) 630} \quad 18 \\ \underline{50} \quad 78,45 // \\ 070 \\ \underline{64} \\ 6 = 360' \\ \underline{32} \\ 040 \\ 0 \end{array}$$