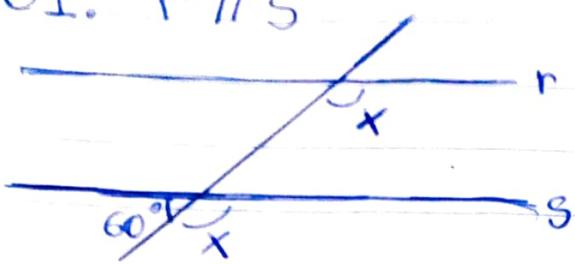


## Tarefa Básica - Geometria Plana

01.  $r \parallel s$ 

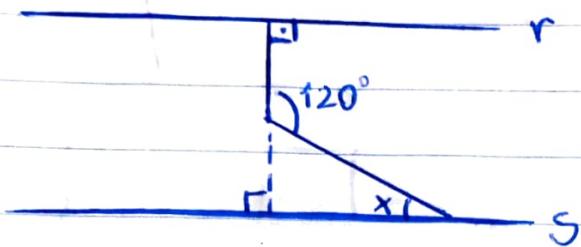
$$x + 60 = 180$$

$$\boxed{x = 180 - 60}$$

$$\boxed{x = 120^\circ}$$

(C)

02.



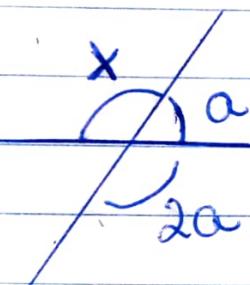
$$\rightarrow 180 - 120 = 60^\circ$$

$$\rightarrow x + 60 + 90 = 180$$

$$\boxed{x = 180 - 150}$$

$$\boxed{x = 30^\circ}$$
 (B)

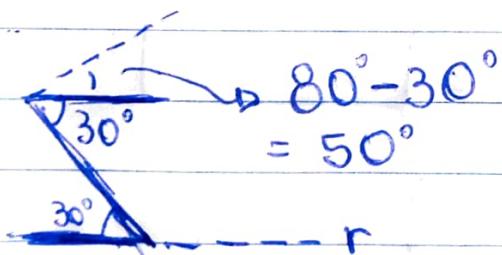
03.



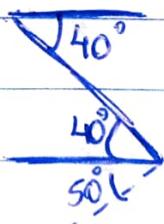
$$2a + a = 180 \rightarrow a = \frac{180}{3} \rightarrow a = 60^\circ$$

$$2a = x \rightarrow x = 2 \cdot 60 \rightarrow \boxed{x = 120^\circ}$$
 (D)

04.



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



$$x = 50 + 40$$

$$\boxed{x = 90^\circ}$$

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

$$4x = 900 - 5x$$

$$4x + 5x = 900$$

$$\rightarrow 9x = 900$$

$$\boxed{x = 900/9}$$

$$\boxed{x = 100^\circ}$$
 (a)

$$06. \quad x = \frac{1}{2} \cdot (90 - x)$$

$$2x = 90 - x$$

$$2x + x = 90$$

$$3x = 90$$

$$\boxed{x = 30^\circ} \text{ (A)}$$

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

$$9(90 - x) = 180 - x$$

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

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

$$x = 630 / 8$$

$$x = 78, 75$$

$$0,75 \cdot 60^\circ = 45^\circ \rightarrow \boxed{\underline{78^\circ 45'}} \text{ (e)}$$