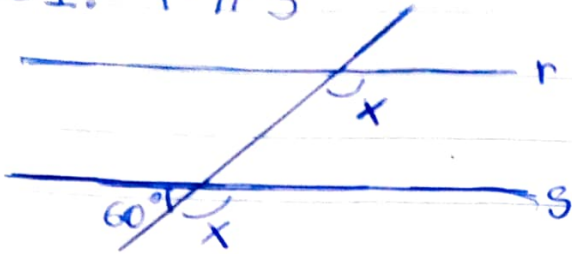


Tarefa Básica - Geometria Plana

01. $r \parallel s$ 

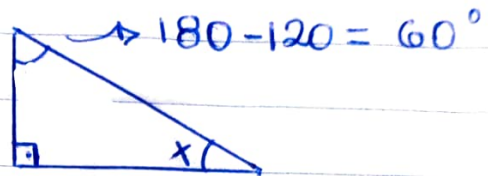
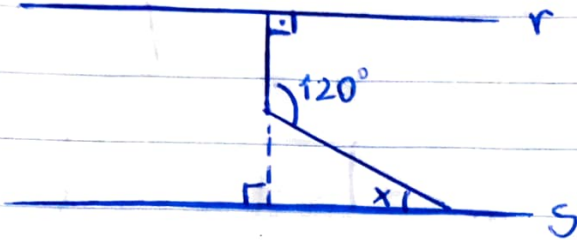
$$x + 60 = 180$$

$$x = 180 - 60$$

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

(c)

02.

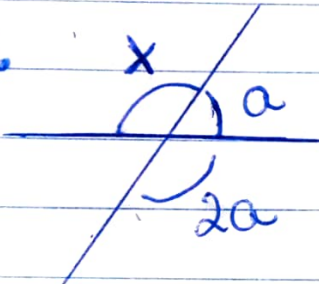


$$x + 60 + 90 = 180$$

$$x = 180 - 150$$

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

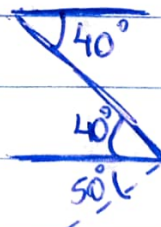
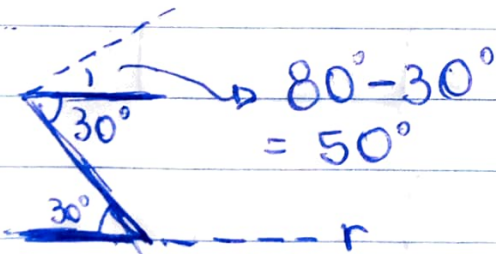
03.



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

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

04.



$$x = 50 + 40$$

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

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

$$4x = 900 - 5x$$

$$4x + 5x = 900$$

$$9x = 900$$

$$x = 900/9$$

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

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

$$2x = 90 - x$$

$$2x + x = 90$$

$$3x = 90$$

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

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

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

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

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

$$x = 630/8$$

$$x = 78,75$$

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