

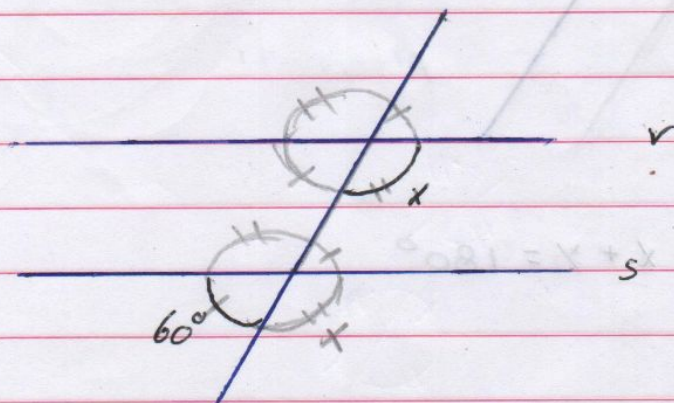
Beatriz Bastos Borges

Nº03

CT11 350

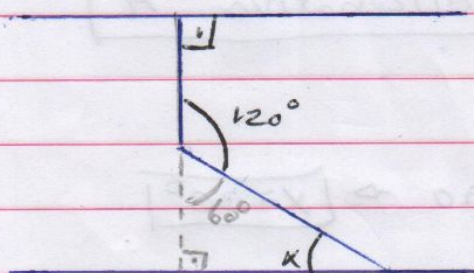
Tarefa Básica

1.



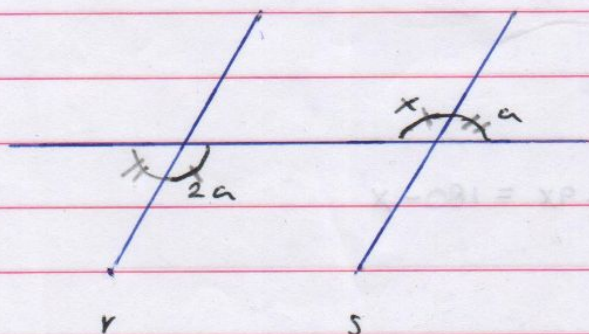
$$x = 180 - 60 \rightarrow \boxed{x = 120^\circ} \quad \boxed{\text{Alternative C}}$$

2.



$$x = 180 - 150 \rightarrow \boxed{x = 30^\circ} \quad \boxed{\text{Alternative B}}$$

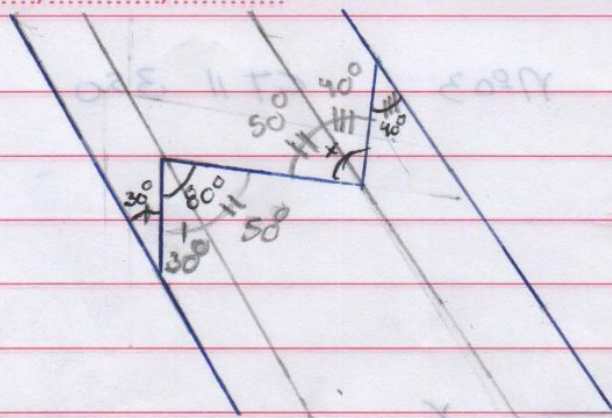
3.



$$2a + a = 180 \rightarrow a = 60 \rightarrow a = 60^\circ$$

$$x = 2 \cdot 60 \rightarrow \boxed{x = 120^\circ} \quad \boxed{\text{Alternative D}}$$

4.



$$x = 50 + 40 \rightarrow \boxed{x = 90^\circ}$$

$$5. x = \frac{5y}{4}$$

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

$$\frac{5y}{4} + y = 180 \rightarrow \frac{9y}{4} = 180 \rightarrow y = 180 \cdot \frac{4}{9} \rightarrow y = 80^\circ$$

$$x = \frac{5 \cdot 80}{4} \rightarrow \boxed{x = 100^\circ} \quad \text{Alternative A}$$

$$6. x = 90 - x \rightarrow 2x = 90 - x \rightarrow 3x = 90 \rightarrow \boxed{x = 30^\circ}$$

Alternative A

$$7. 3(90 - x) = \frac{180 - x}{3}$$

$$270 - 3x = \frac{180 - x}{3} \rightarrow 810 - 9x = 180 - x$$

$$8x = 630 \rightarrow x = 78,75 \rightarrow 78^\circ 45'$$

Alternative E