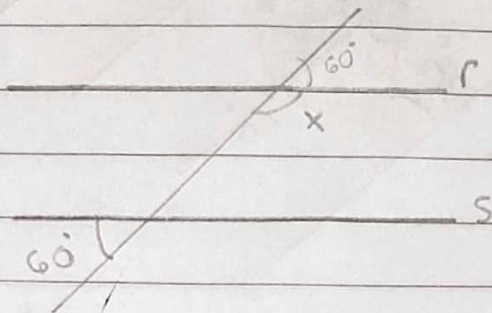


Tarefa Básica Geometria Plana

1.



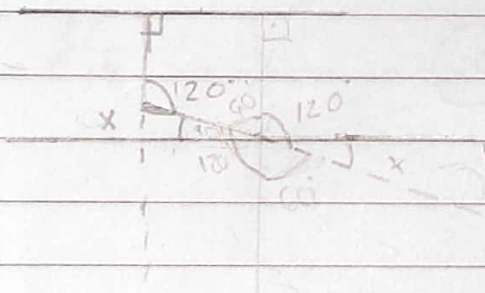
$$x = 180 - 60^\circ$$

$$x = 120^\circ$$

(C)

2.

(B)



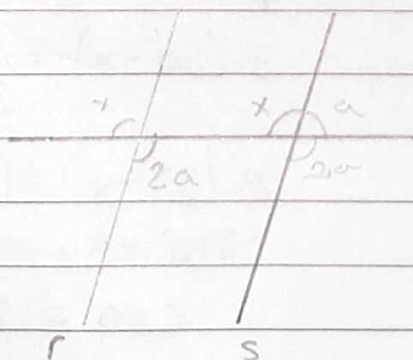
$$60 + x = 90^\circ$$

$$60 - 90 = -x$$

$$-30 = -x \quad \times (-1)$$

$$x = 30^\circ$$

3.



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

$$2a = x$$

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

$$3a = 180^\circ$$

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

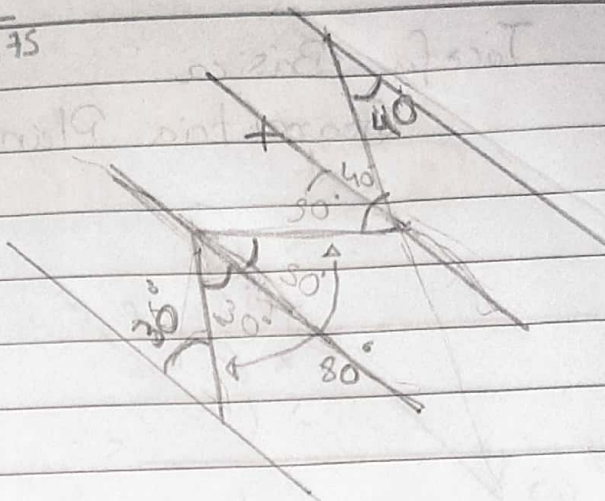
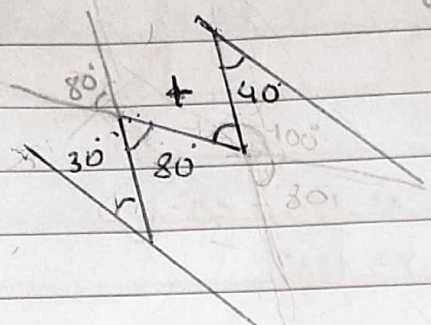
(D)

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

$$x = 120^\circ$$

$$\begin{array}{r} 630 \\ 70 \\ 60 \\ 40 \\ \hline 78,75 \end{array}$$

4.



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

$$\begin{array}{r} 780 \\ - 180 \\ \hline 630 \end{array}$$

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

$$4x = 900 - 5x$$

$$9x = 900$$

$$x = \frac{900}{9} = 100^\circ$$

(a)

$$\begin{array}{r} 90 \\ \times 9 \\ \hline 810 \end{array}$$

6. $x = \frac{90^\circ - x}{2}$

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

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

$$3x = 90^\circ$$

$$x = 30^\circ$$

7.

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

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

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

$$630 = 8x$$

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

(E)

$$x = 78,75$$