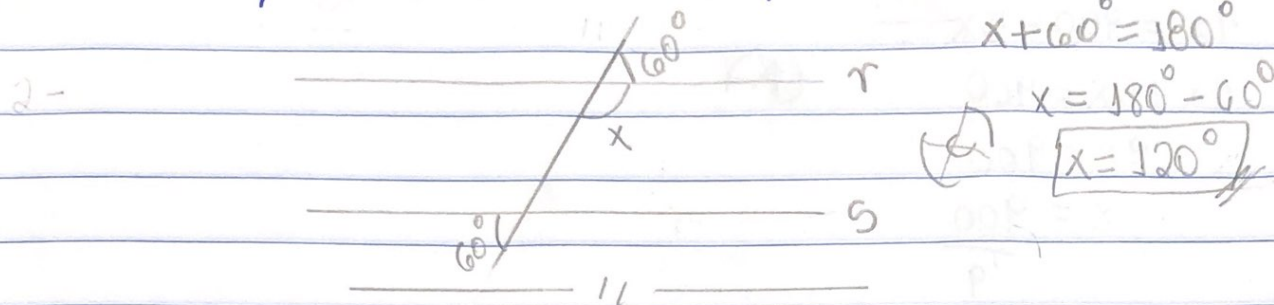
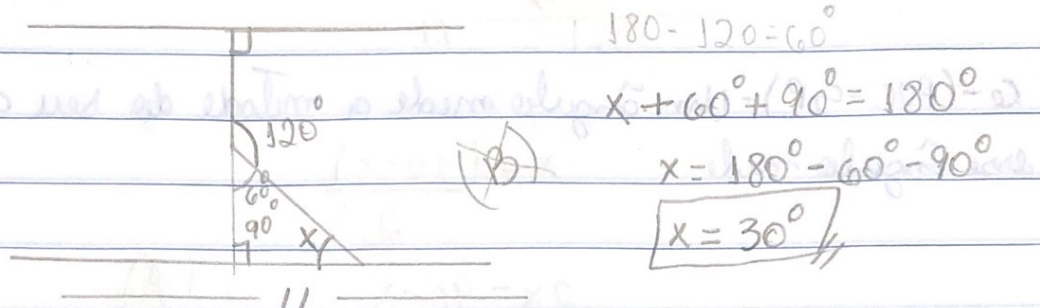


Tarefa Básica Geometria Plana

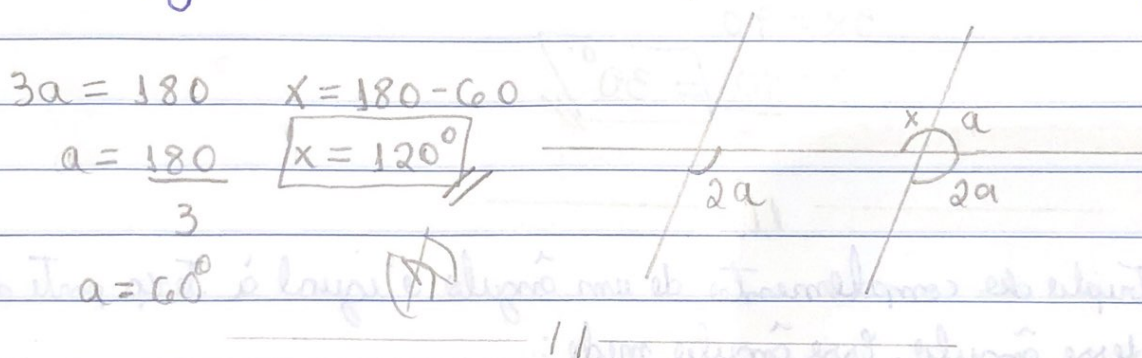
1- Sabendo que os retos r e s são paralelos, o valor de x é:



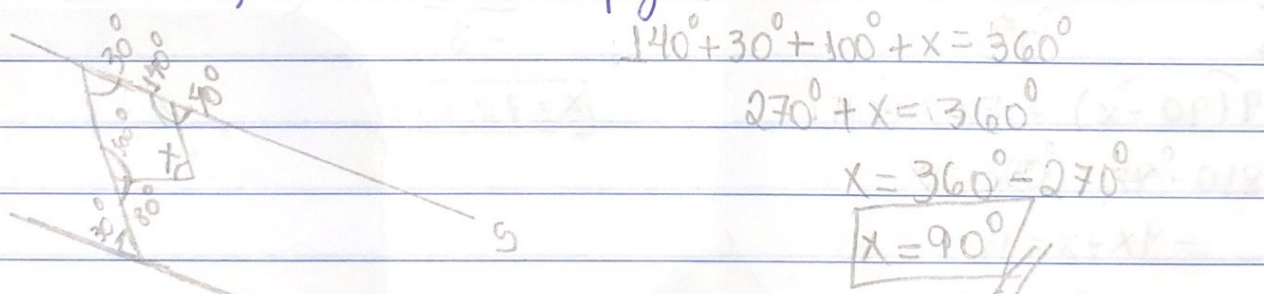
2- Na figura, x vale:



3- Na figura, os retos r e s são paralelos. A medida do ângulo x é:



4- Se $r \parallel s$, determine x na figura:



5 - (U.E. Ceará) - O ângulo igual a $\frac{5}{4}$ do seu suplemento mede:

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

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

$$4x = 900 - 5x$$

$$4x + 5x = 900$$

$$9x = 900$$

$$x = \frac{900}{9}$$

$$\boxed{x = 100^\circ}$$

//

6 - (PUC-SP) - Um ângulo mede a metade do seu complemento. Então esse ângulo mede:

$$x = \frac{(90 - x)}{2}$$

$$2x = 90 - x$$

$$2x + x = 90$$

$$3x = 90$$

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

//

7 - (UFES) O triplo do complemento de um ângulo é igual à terça parte do suplemento desse ângulo. Esse ângulo mede:

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

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

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

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

$$-8x = -630$$

$$\boxed{x = 78.75}$$