Inéqua:

ex: 3x-1>,-4 afors le signe s'inverse

(=> 3x >, -3

 \Leftrightarrow \times $\sqrt{\frac{-3}{3}} = 1$

S= [1; +00 [

. exo: 67 à 73 p 33

(7):

a x-372 b) y+4 <1 c) 2-x <5

(a) × 75 (b) y (-3 (c) -x (3)

S=]5; +00[S=]-00;-3] S=]-3;+60[

(&) :

a) 4t = -20 b) -5×2 c) $\frac{x}{3} \leqslant 2$

(a) t), -20 = -5 (a) × (2 con (3) - (5) × (6)

 $S = \begin{bmatrix} -5 \\ +\infty \end{bmatrix} + \infty \begin{bmatrix} S = \end{bmatrix} - \infty \cdot \begin{bmatrix} -2 \\ 5 \end{bmatrix} \begin{bmatrix} S = \end{bmatrix} - \infty \cdot \begin{bmatrix} 6 \end{bmatrix}$

€ 4x-5 < x + 7

a = 5: 4x - 5 - 5 = -20: -5 + 7 = 2: 0: -5: 7: 4: 11, 11: 10: 35, 17 $\sqrt{-2042}$ $\sqrt{-5} < 7$ $\sqrt{1141}$ $\times 17435$

b) 4x - 5 (x + 7 c) - 00 1

\$ 4x -x {7+5

=> 3x & 12

<>> < 13=4

S=]-00; 4]

- -, , , . .

$$\Leftrightarrow$$
 $\times \left(\frac{-2}{8} = -\frac{1}{4} = -0.25 \right)$

102 p37:

$$S = [-1; +\infty]$$