Inéquations

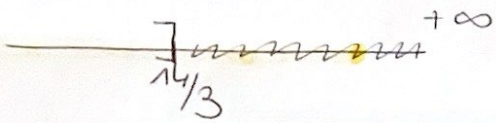
• Résolution "simple"

De type $5x - 10 > 2x + 4$

$5x - 2x > 4 + 10$

$3x > 14$

$x > \frac{14}{3}$



$S =]\frac{14}{3} ; +\infty[$

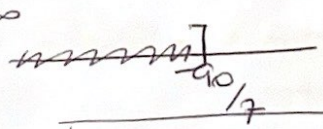
⚠ aux crochets

$3x + 10 \leq 100 - 4x$

$3x + 4x \leq 100 - 10$

$7x \leq 90$

$x \leq \frac{90}{7}$



$S =]-\infty ; -\frac{90}{7}]$

⚠ au signe

$-3x > 4$

$x < \frac{4}{-3}$

ou $-10x \leq 100$

$x \geqslant \frac{100}{-10}$

$x \geqslant -10$