- Please put the symbol **;** in the brackets; ex. $x \in (-3; 5)$
- Please write the symbol $-\infty$ as *–infty* and $+\infty$ as *+infty;* ex. $x \in$(*–infty; +infty*)
- If the inequality has no solutions, write $emptyset$; ex. $x \in emptyset$

$5x - 4 > 3(x + 2)$ $x \in$	$4 - 2(x + 1) \geq x + 5$ $x \in$	$\frac{x}{3} + \frac{x}{2} \leq 10$ $x \in$
$\frac{3}{4} - \frac{5x}{8} > 2$ $x \in$	$x - \frac{3x}{5} \geq 4$ $x \in$	$\frac{x-5}{6} - \frac{2}{3} > 1$ $x \in$

$\begin{cases} x > 2 \\ x \leq 5 \end{cases}$ $x \in$	$\begin{cases} x > 1 \\ x > 4 \end{cases}$ $x \in$	$\begin{cases} x \geq 3 \\ x < -3 \end{cases}$ $x \in$
$\begin{cases} x \leq 3 \\ x > -2 \end{cases}$ $x \in$	$\begin{cases} x \leq 2 \\ x \leq 7 \end{cases}$ $x \in$	$\begin{cases} x < 0 \\ x > 1 \end{cases}$ $x \in$

$-1 < 3x - 4 < 2$ $x \in$	$5 < 1 - 4x \leq 13$ $x \in$	$1 \leq \frac{5x-3}{2} < 6$ $x \in$

Find the largest integer solution of the inequality $2x - 3 < 7$ $x =$	Find the smallest integer solution of the inequality $x - 1 \geq \sqrt{5}$ $x =$	Find the number of integer solutions of the inequality $1 \leq \frac{5x-3}{2} < 16$

LIVEWORKSHEETS