

The best first step to solve the equation is...

Distribute 4	Multiply both sides by 2
$4(x - 7) - 8 = 12$	$\frac{1}{2}(4x - 6) = -9$
Add 8 to both sides	Distribute $\frac{1}{2}$

Add 5 to both sides	Add $\frac{5}{4}$ to both sides
$3x - 5 - 7x = 11$	$\frac{1}{4}x - \frac{5}{4} = \frac{3}{4}$
Add $3x$ and $-7x$	Multiply each term by 4

Add 8 and 3	Distribute 4 and 2
$4x - 1 = 8 - 2x + 3$	$4(x + 7) = 2(3x - 5)$
Add $2x$ to both sides	Divide both sides by 2

The best first step to solve the inequality is...

Subtract $9x$ from both sides	Distribute -2
$4x - 7 > 9x + 3$	$-2(8 - x) \leq -20$
Subtract $4x$ from both sides	Divide both sides by -2

Subtract 20 from both sides	Add 17 to both sides
$12 < -4x + 20$	$\frac{2}{3}x - 17 \geq \frac{4}{3}$
Add $4x$ to both sides	Multiply each term by 3

Multiply both sides by -2	Add $2x$ to both sides
$\frac{10 - 4x}{-2} > 3$	$8 - 2x + 10 < x$
Simplify the fraction	Add 8 and 10