

(Simplify First, *some* Parentheses)

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**Your goal is to get  $x$  by itself.**

Get rid of everything **except** the  $x$ .

If possible, “clean up” each side first.

Ask two questions:

1) **What do I want to get rid of?**

2) **How is it held there?**

(Now use **opposite operation** to **get rid of it.**)

If held by **multiplication**, then **divide**.

If held by **division**, then **multiply**.

If held by **addition** or **subtraction**,

use **opposite sign of the term you want to get rid of.**

Solve the equation.

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$$2x - 8 + 9x = 6x - 38$$

$$3y - 2(5y - 7) = -9y + 6$$

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$$-6k - 7k = -3(4k + 9)$$

$$8 - 20 = 10x + 9 - 13x$$

$$5 - (2r - 7) + 3r = 12$$