Your goal is to get x by itself.

Get rid of everything except the x.

You need $x =$ ___ , or ___ $= x$, or even $x =$

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.

Solve for x.

$5x = 20$	$rx = k$	$\dfrac{x}{3} = 10$	$\dfrac{x}{r} = q$
		$\dfrac{1}{3}x = 10$	

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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 addition or subtraction,
use opposite sign *of the term you want to get rid of*.

Solve for x.

$x + 7 = 10$	$x + r = k$	$x - 9 = -20$

Solve for k.

$-4 + k = 7$	$k + 8 = -10$	$2 = -6 + k$

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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.)

Solve each equation.

$2x + 5 = 19$

$14 = 3a - 1$

$13 - 5y = -27$

$4m - 6 = 93 - 7m$

$-8 + 11n = 6n - 28$