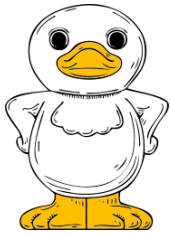


# Collect a joke: Solving harder equations with $x$ on both sides



Why did the duck cross the road?

Start at the grey box below. Solve the equation at the bottom of the box. Find the solution at the top of another box and then solve the new equation at the bottom of that box. Collect the letters as you go to find the answer.

$x = 16$	$x = -\frac{1}{2}$	$x = -1$	$x = 0$	$x = \frac{1}{3}$
<b>K</b>	<b>I</b>	<b>H</b>	<b>I</b>	<b>W</b>
$7x + 1 = 5x + 9$	$7x - 7 = 0$	$19x + 3 = 11x - 1$	$x + -5 = 2$	$7x + 8 = 17 + 5x$

$x = -2$	$x = -7$	$x = \frac{14}{5}$	$x = 7$	$x = -\frac{1}{3}$
<b>S</b>	<b>E</b>	<b>N</b>	<b>L</b>	<b>L</b>
$3x + 13 = 13 - x$	$3x + 1 = 5$	$2x + 5 = 6 - x$	$4x + -3 = -2x - 5$	<b>END</b>

<b>START</b>	$x = \frac{4}{3}$	$x = \frac{9}{2}$	$x = 1$	$x = 4$	$x = 3$
<b>T</b>	<b>C</b>	<b>A</b>	<b>C</b>	<b>E</b>	<b>H</b>
$4x + 20 = 10x + 2$	$7x - 3 = 2x - 8$	$2x + 1 = -5 - x$	$5x - 10 = 4x + 6$	$9x - 2 = 4x + 12$	$5x + 21 = 2x$