

# Multi-Step Equations: TIC-TAC-TOE



Find the row, column, or diagonal where all of the equations have the same solution.

$6x + 3 = 9x + 24$  $x = -7$	$4x + 20 = -2(3x - 5)$  $x = -1$	$9x - 5x - 6 = 2(x + 12)$  $x = 15$
$4x + 23 + 3x = 2x - 22$  $x = -9$	$7x - 5 = 2(x + 35)$  $x = 15$	$9x - 8 - x = 5(x - 12) + 7$  $x = -15$
$10(x - 7) = 4(x + 5)$  $x = 15$	$30 - 18x = -6x + 9(8 - 2x)$  $x = 7$	$5(x + 5) - 8x = -x - 5$  $x = 15$