

Name _____ Date _____

Patterns and Relations
Unit 3 Line Master 5

Equation Sudoku

In this 3-column Sudoku, each row or column contains the values 1 to 3 only once.

- Solve each equation and record the solution in the cell.
- Determine the missing solution value in each column.
- Write an equation that has the missing value as its solution.
Solve your equation to check.

$4(x + 1) - 3x + 3 = 3(5 - x)$?	$0.8(5x - 3) + 0.48x = 0.32(5 + 1.5x)$
$1 - 3(x - 2) = 2(2 - x)$	$1.8 - 3.2(5 + 3x) = -1.6(4x + 9) - 3x$?
?	$5x + 0.25(1 - x) = 3.25(2x - 1)$	$0.2(3x - 2) + 7x = 1.4(1 + 5x)$