Equation Sudoku

**Algebra**

**Unit 5 Line Master 5**

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