Idea 81: The sequence of working

Practice questions

Simple addition and subtraction

$x + 3 = 10$ $\qquad$ $x - 7 = 12$ $\qquad$ $x + 9 = 5$

Multiplication and division

$5x = 45$ $\qquad$ $8x = 42$ $\qquad$ $\frac{x}{2} = 10.5$

Templates for solving equations:

_____ Write the equation.

_____ Isolate the unknown variable by adjusting both sides.
Write each step in the process.

_____ The calculation may require more than one step. If so, make sure to write out each step in the process.

_____ Write the solution. This is the value of the unknown.