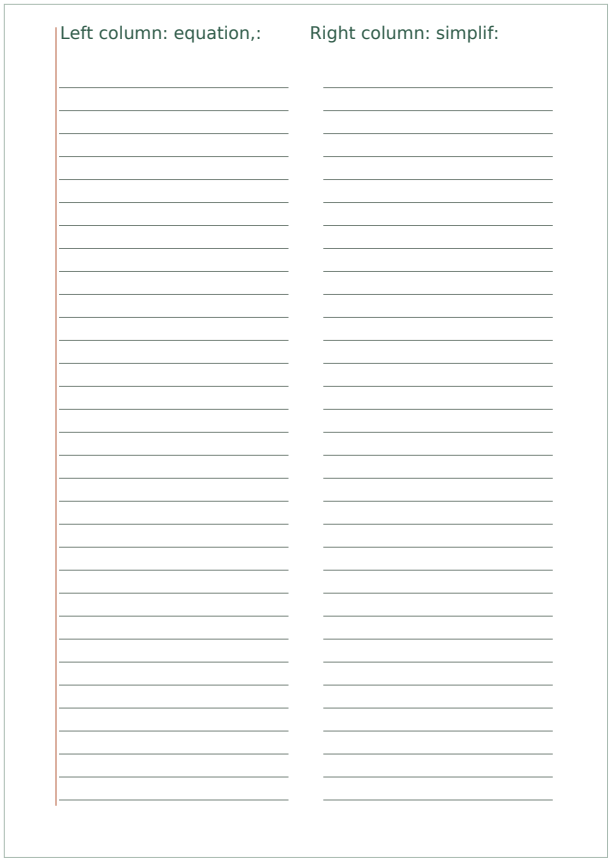
One-Step and Two-Step Equation Worksheets: Inverse Operations

Two-Column Workspace Template with Completed Example 3x + 4 = 19

2 writing columns; 8 mm rule spacing; 18 mm left margin; 10 mm gutter; header fields: Left column: equation,, Right column: simplif. Example design choices; measure and proof your own layout.



Reduced layout diagram: scale 19:50. All selected dimensions describe this example, not a paper, printer or binder standard.

One-Step and Two-Step Equation Worksheets: Inverse Operations

Reverse-Order Rule for Two-Step Equations

Arrows from the variable outward show reverse order: undo addition/subtraction first, then multiplication/division.

Step	Operation acting on variable	Inverse operation to apply	Resulting line
1	Addition or subtraction	Undo addition or subtraction on both sides	Simplified one-step equation
2	Multiplication or division	Undo multiplication or division on both sides	Variable isolated
Example: $3x + 4 = 19$	$+4$ then $\times 3$	Subtract 4 from both sides	$3x = 15$
Example continued	$\times 3$	Divide both sides by 3	$x = 5$