



Math worksheet on 'Linear Equation Systems - Simple Number Substitution (Level 2)'. Part of a broader unit on 'Algebra Systems of Equations - Intro'

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<p><b>1</b> Solve for the variable by substituting the second equation into the first</p> $5n + 2c = 62$ $c = 11$ $n = ?$	<b>a</b>	<b>b</b>	<b>c</b>
	$n = 7$	$n = 10$	$n = 11$
	<b>d</b>	<b>e</b>	<b>f</b>
	$n = 22$	$n = 8$	$n = 6$

<p><b>2</b> Solve for the variable by substituting the second equation into the first</p> $2z + 9y = 118$ $y = 12$ $z = ?$	<b>a</b>	<b>b</b>	<b>c</b>
	$z = 5$	$z = 4$	$z = 8$
	<b>d</b>	<b>e</b>	<b>f</b>
	$z = 3$	$z = 108$	$z = 7$

<p><b>3</b> Solve for the variable by substituting the second equation into the first</p> $6m + 4x = 74$ $x = 5$ $m = ?$	<b>a</b>	<b>b</b>	<b>c</b>
	$m = 12$	$m = 9$	$m = 7$
	<b>d</b>	<b>e</b>	<b>f</b>
	$m = 8$	$m = 11$	$m = 20$

<p><b>4</b> Solve for the variable by substituting the second equation into the first</p> $6d + 11m = 52$ $m = 2$ $d = ?$	<b>a</b>	<b>b</b>	<b>c</b>
	$d = 7$	$d = 22$	$d = 4$
	<b>d</b>	<b>e</b>	<b>f</b>
	$d = 5$	$d = 3$	$d = 8$

<p><b>5</b> Solve for the variable by substituting the second equation into the first</p> $9z - 3n = 63$ $n = 3$ $z = ?$	<b>a</b>	<b>b</b>	<b>c</b>
	$z = 10$	$z = 7$	$z = 9$
	<b>d</b>	<b>e</b>	<b>f</b>
	$z = 6$	$z = 11$	$z = 8$

<p><b>6</b> Solve for the variable by substituting the second equation into the first</p> $8b - 12r = 48$ $r = 2$ $b = ?$	<b>a</b>	<b>b</b>	<b>c</b>
	$b = 7$	$b = 24$	$b = 11$
	<b>d</b>	<b>e</b>	<b>f</b>
	$b = 8$	$b = 9$	$b = 12$

<p><b>7</b> Solve for the variable by substituting the second equation into the first</p> $9d - 10b = 6$ $b = 3$ $d = ?$	<b>a</b>	<b>b</b>	<b>c</b>
	$d = 6$	$d = 4$	$d = 2$
	<b>d</b>	<b>e</b>	<b>f</b>
	$d = 3$	$d = 7$	$d = 30$