



Math worksheet on 'Linear Equation Systems - Simple Equation Substitution (Level 1)'. Part of a broader unit on 'Algebra Systems of Equations - Intro'

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1 Solve for the variable by substituting the second equation into the first $7p + x = 149$ $x = 11p + 5$ $p = ?$	a	b	c
	$p = 7$	$p = 9$	$p = 10$
	d	e	f
	$p = 8$	$p = 6$	$p = 11$

2 Solve for the variable by substituting the second equation into the first $10n - d = 18$ $d = 4n + 12$ $n = ?$	a	b	c
	$n = 6$	$n = 5$	$n = 8$
	d	e	f
	$n = 3$	$n = 7$	$n = 4$

3 Solve for the variable by substituting the second equation into the first $8n + x = 120$ $x = 11n + 6$ $n = ?$	a	b	c
	$n = 7$	$n = 8$	$n = 6$
	d	e	f
	$n = 5$	$n = 4$	$n = 9$

4 Solve for the variable by substituting the second equation into the first $2m + r = 60$ $r = 5m + 4$ $m = ?$	a	b	c
	$m = 9$	$m = 10$	$m = 8$
	d	e	f
	$m = 6$	$m = 7$	$m = 11$

5 Solve for the variable by substituting the second equation into the first $12c + z = 62$ $z = 2c + 6$ $c = ?$	a	b	c
	$c = 3$	$c = 6$	$c = 7$
	d	e	f
	$c = 5$	$c = 4$	$c = 2$

6 Solve for the variable by substituting the second equation into the first $10z - n = 1$ $n = 9z + 2$ $z = ?$	a	b	c
	$z = 4$	$z = 2$	$z = 5$
	d	e	f
	$z = 6$	$z = 1$	$z = 3$

7 Solve for the variable by substituting the second equation into the first $8m + r = 94$ $r = 6m + 10$ $m = ?$	a	b	c
	$m = 9$	$m = 4$	$m = 8$
	d	e	f
	$m = 6$	$m = 7$	$m = 5$