



Math worksheet on 'Linear Equation Systems - Simple Equation Substitution (Level 3)'. 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 $72p - 11d = 130$ $d = 6p - 8$ $p = ?$	a	b	c
	$p = 66$	$p = 88$	$p = 6$
	d	e	f
	$p = 5$	$p = 10$	$p = 7$

2 Solve for the variable by substituting the second equation into the first $100m - 9n = 102$ $n = 10m - 8$ $m = ?$	a	b	c
	$m = 2$	$m = 72$	$m = 1$
	d	e	f
	$m = 3$	$m = 90$	$m = 6$

3 Solve for the variable by substituting the second equation into the first $74y - 11n = 94$ $n = 6y - 2$ $y = ?$	a	b	c
	$y = 66$	$y = 8$	$y = 22$
	d	e	f
	$y = 9$	$y = 7$	$y = 12$

4 Solve for the variable by substituting the second equation into the first $30y - 9d = 117$ $d = 3y - 10$ $y = ?$	a	b	c
	$y = 27$	$y = 8$	$y = 9$
	d	e	f
	$y = 90$	$y = 12$	$y = 7$

5 Solve for the variable by substituting the second equation into the first $24r - 2d = 36$ $d = 8r - 10$ $r = ?$	a	b	c
	$r = 2$	$r = 16$	$r = 1$
	d	e	f
	$r = 20$	$r = 0$	$r = 5$

6 Solve for the variable by substituting the second equation into the first $19m - 2x = 56$ $x = 5m + 8$ $m = ?$	a	b	c
	$m = 7$	$m = 8$	$m = 10$
	d	e	f
	$m = 11$	$m = 16$	$m = 6$

7 Solve for the variable by substituting the second equation into the first $20n - 5z = 120$ $z = 2n - 12$ $n = ?$	a	b	c
	$n = 6$	$n = 4$	$n = 5$
	d	e	f
	$n = 10$	$n = 60$	$n = 9$