



Math worksheet on 'Linear Equation Systems - Simple Variable Substitution (Level 2)'. 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 $9c + 12p = 135$ $p = 3c$ $c = ?$	a $c = 5$	b $c = 36$	c $c = 3$
	d $c = 6$	e $c = 2$	f $c = 1$

2 Solve for the variable by substituting the second equation into the first $10d + 10b = 120$ $b = 5d$ $d = ?$	a $d = 4$	b $d = 50$	c $d = 1$
	d $d = 0$	e $d = 5$	f $d = 2$

3 Solve for the variable by substituting the second equation into the first $9d + 4x = 68$ $x = 2d$ $d = ?$	a $d = 8$	b $d = 7$	c $d = 6$
	d $d = 3$	e $d = 4$	f $d = 2$

4 Solve for the variable by substituting the second equation into the first $7p + 2n = 65$ $n = 3p$ $p = ?$	a $p = 4$	b $p = 3$	c $p = 8$
	d $p = 7$	e $p = 5$	f $p = 6$

5 Solve for the variable by substituting the second equation into the first $2m + 8y = 52$ $y = 3m$ $m = ?$	a $m = 1$	b $m = 4$	c $m = 2$
	d $m = 5$	e $m = 24$	f $m = 0$

6 Solve for the variable by substituting the second equation into the first $9c + 4d = 148$ $d = 7c$ $c = ?$	a $c = 4$	b $c = 28$	c $c = 6$
	d $c = 2$	e $c = 3$	f $c = 7$

7 Solve for the variable by substituting the second equation into the first $9n + 2x = 51$ $x = 4n$ $n = ?$	a $n = 8$	b $n = 1$	c $n = 5$
	d $n = 6$	e $n = 2$	f $n = 3$