



Linear Equation Systems - Simple Variable Substitution

1 Solve for the variable by substituting the second equation into the first $10p - y = 49$ $y = 3p$ $p = ?$	A $p = 5$	B $p = 10$	C $p = 6$	2 Solve for the variable by substituting the second equation into the first $12d + p = 69$ $p = 11d$ $d = ?$	A $d = 3$	B $d = 5$	C $d = 2$
3 Solve for the variable by substituting the second equation into the first $3r + m = 48$ $m = 3r$ $r = ?$	A $r = 10$	B $r = 7$	C $r = 11$	4 Solve for the variable by substituting the second equation into the first $9c + p = 126$ $p = 9c$ $c = ?$	A $c = 9$	B $c = 8$	C $c = 6$
5 Solve for the variable by substituting the second equation into the first $5r + y = 42$ $y = 9r$ $r = ?$	A $r = 6$	B $r = 2$	C $r = 4$	6 Solve for the variable by substituting the second equation into the first $2n + x = 78$ $x = 11n$ $n = ?$	A $n = 4$	B $n = 9$	C $n = 6$
7 Solve for the variable by substituting the second equation into the first $7x + b = 102$ $b = 10x$ $x = ?$	A $x = 7$	B $x = 6$	C $x = 9$	8 Solve for the variable by substituting the second equation into the first $2z + b = 108$ $b = 10z$ $z = ?$	A $z = 10$	B $z = 9$	C $z = 12$