Linear Equation Systems - Simple Number Substitution

1 Solve for the variable by substituting the second equation into the first

$$9b - 9z = 27$$
$$z = 3$$
$$b = ?$$

A	B	C
$b = 9$	$b = 8$	$b = 5$
D	E	F
$b = 6$	$b = 4$	$b = 27$

2 Solve for the variable by substituting the second equation into the first

$$6p + 3z = 63$$
$$z = 9$$
$$p = ?$$

A	B	C
$p = 9$	$p = 4$	$p = 5$
D	E	F
$p = 8$	$p = 6$	$p = 27$

3 Solve for the variable by substituting the second equation into the first

$$8d - 4m = 12$$
$$m = 11$$
$$d = ?$$

A	B	C
$d = 5$	$d = 9$	$d = 6$
D	E	F
$d = 10$	$d = 7$	$d = 44$

4 Solve for the variable by substituting the second equation into the first

$$3x + 8n = 103$$
$$n = 11$$
$$x = ?$$

A	B	C
$x = 5$	$x = 88$	$x = 4$
D	E	F
$x = 7$	$x = 3$	$x = 8$

5 Solve for the variable by substituting the second equation into the first

$$5z + 11y = 69$$
$$y = 4$$
$$z = ?$$

A	B	C
$z = 44$	$z = 4$	$z = 5$
D	E	F
$z = 7$	$z = 3$	$z = 8$

6 Solve for the variable by substituting the second equation into the first

$$7b + 12d = 78$$
$$d = 3$$
$$b = ?$$

A	B	C
$b = 8$	$b = 5$	$b = 36$
D	E	F
$b = 9$	$b = 6$	$b = 4$

7 Solve for the variable by substituting the second equation into the first

$$12c - 2m = 12$$
$$m = 12$$
$$c = ?$$

A	B	C
$c = 5$	$c = 6$	$c = 1$
D	E	F
$c = 3$	$c = 24$	$c = 2$

8 Solve for the variable by substituting the second equation into the first

$$9y - 3m = 72$$
$$m = 3$$
$$y = ?$$

A	B	C
$y = 11$	$y = 7$	$y = 8$
D	E	
$y = 9$	$y = 12$	

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