Name

Linear Equation Systems - Simple Equation Substitution

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

$$12m - d = 3$$
$$d = 6m + 9$$
$$m = ?$$

A	B	C
$m = 3$	$m = 5$	$m = 2$
D	**E**	**F**
$m = 4$	$m = 1$	$m = 0$

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

$$10p + n = 103$$
$$n = 6p + 7$$
$$p = ?$$

A	B	C
$p = 8$	$p = 7$	$p = 5$
D	**E**	**F**
$p = 4$	$p = 6$	$p = 9$

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

$$5c + x = 92$$
$$x = 6c + 4$$
$$c = ?$$

A	B	C
$c = 7$	$c = 6$	$c = 9$
D	**E**	**F**
$c = 8$	$c = 10$	$c = 11$

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

$$12c + z = 62$$
$$z = 2c + 6$$
$$c = ?$$

A	B	C
$c = 5$	$c = 7$	$c = 4$
D	**E**	**F**
$c = 2$	$c = 3$	$c = 6$

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

$$7b + d = 51$$
$$d = 6b + 12$$
$$b = ?$$

A	B	C
$b = 1$	$b = 2$	$b = 4$
D	**E**	**F**
$b = 3$	$b = 5$	$b = 6$

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

$$7m - p = 5$$
$$p = 2m + 10$$
$$m = ?$$

A	B	C
$m = 5$	$m = 6$	$m = 4$
D	**E**	**F**
$m = 3$	$m = 2$	$m = 1$

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

$$8p - d = 7$$
$$d = 6p + 9$$
$$p = ?$$

A	B	C
$p = 11$	$p = 6$	$p = 9$
D	**E**	**F**
$p = 8$	$p = 7$	$p = 10$

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

$$8n + x = 120$$
$$x = 11n + 6$$
$$n = ?$$

A	B	C
$n = 9$	$n = 8$	$n = 5$
D	**E**	**F**
$n = 6$	$n = 4$	$n = 7$