Math worksheet on *'Linear Equation Systems - Simple Number Substitution (Level 1)'*. 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

$$6m + z = 35$$
$$z = 5$$
$$m = ?$$

a	b	c
$m = 6$	$m = 8$	$m = 3$
d	**e**	**f**
$m = 5$	$m = 4$	$m = 7$

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

$$10b - y = 19$$
$$y = 11$$
$$b = ?$$

a	b	c
$b = 1$	$b = 2$	$b = 4$
d	**e**	**f**
$b = 5$	$b = 6$	$b = 3$

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

$$12n + r = 86$$
$$r = 2$$
$$n = ?$$

a	b	c
$n = 9$	$n = 7$	$n = 10$
d	**e**	**f**
$n = 8$	$n = 6$	$n = 5$

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

$$6p + d = 38$$
$$d = 8$$
$$p = ?$$

a	b	c
$p = 8$	$p = 7$	$p = 6$
d	**e**	**f**
$p = 5$	$p = 3$	$p = 4$

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

$$11x - n = 22$$
$$n = 11$$
$$x = ?$$

a	b	c
$x = 6$	$x = 1$	$x = 3$
d	**e**	**f**
$x = 5$	$x = 2$	$x = 4$

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

$$8p + z = 54$$
$$z = 6$$
$$p = ?$$

a	b	c
$p = 8$	$p = 5$	$p = 4$
d	**e**	**f**
$p = 7$	$p = 6$	$p = 9$

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

$$9x + c = 75$$
$$c = 3$$
$$x = ?$$

a	b	c
$x = 8$	$x = 9$	$x = 10$
d	**e**	**f**
$x = 7$	$x = 6$	$x = 11$