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

$$9p - x = 51$$
$$x = 12$$
$$p = ?$$

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

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

$$3n + z = 19$$
$$z = 4$$
$$n = ?$$

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

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

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

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

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

$$4x + m = 20$$
$$m = 8$$
$$x = ?$$

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

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

$$2b + r = 15$$
$$r = 5$$
$$b = ?$$

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

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

$$12y + m = 102$$
$$m = 6$$
$$y = ?$$

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

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

$$6c + m = 32$$
$$m = 8$$
$$c = ?$$

a	b	c
$c = 7$	$c = 4$	$c = 3$
d	**e**	**f**
$c = 5$	$c = 2$	$c = 6$

