



Linear Equation Systems - Simple Variable Substitution

<p>1 Solve for the variable by substituting the second equation into the first</p> $5n + 6p = 94$ $p = 7n$ $n = ?$	<p>A</p> $n = 1$	<p>B</p> $n = 42$	<p>C</p> $n = 2$	<p>2 Solve for the variable by substituting the second equation into the first</p> $6z + 3w = 30$ $w = 3z$ $z = ?$	<p>A</p> $z = 9$	<p>B</p> $z = 4$	<p>C</p> $z = 1$																
<p>3 Solve for the variable by substituting the second equation into the first</p> $11n + 3y = 94$ $y = 12n$ $n = ?$	<p>A</p> $n = 2$	<p>B</p> $n = 1$	<p>C</p> $n = 4$	<p>4 Solve for the variable by substituting the second equation into the first</p> $4p + 9w = 88$ $w = 2p$ $p = ?$	<p>A</p> $p = 3$	<p>B</p> $p = 4$	<p>C</p> $p = 7$																
<p>5 Solve for the variable by substituting the second equation into the first</p> $3y + 6z = 108$ $z = 4y$ $y = ?$	<p>A</p> $y = 4$	<p>B</p> $y = 6$	<p>C</p> $y = 2$	<p>6 Solve for the variable by substituting the second equation into the first</p> $4z + 10y = 96$ $y = 2z$ $z = ?$	<p>A</p> $z = 2$	<p>B</p> $z = 7$	<p>C</p> $z = 4$																
<p>7 Solve for the variable by substituting the second equation into the first</p> $5x + 7n = 108$ $n = 7x$ $x = ?$	<p>A</p> $x = 1$	<p>B</p> $x = 49$	<p>C</p> $x = 0$	<p>8 Solve for the variable by substituting the second equation into the first</p> $9p + 10w = 78$ $w = 3p$ $p = ?$	<p>A</p> $p = 1$	<p>B</p> $p = 30$	<p>C</p> $p = 0$																
<p>D</p> $n = 5$	<p>E</p> $n = 4$	<p>F</p> $n = 0$	<p>D</p> $n = 0$	<p>E</p> $n = 36$	<p>F</p> $n = 5$	<p>D</p> $y = 24$	<p>E</p> $y = 3$	<p>F</p> $y = 7$	<p>D</p> $x = 4$	<p>E</p> $x = 2$	<p>F</p> $x = 5$	<p>D</p> $z = 2$	<p>E</p> $z = 5$	<p>F</p> $z = 0$	<p>D</p> $p = 18$	<p>E</p> $p = 2$	<p>F</p> $p = 6$	<p>D</p> $z = 3$	<p>E</p> $z = 20$	<p>F</p> $z = 6$	<p>D</p> $p = 4$	<p>E</p> $p = 5$	<p>F</p> $p = 2$