



Linear Equation Systems - Simple Variable Substitution To Equation

<p>1 Substitute the second variable equation into the first equation to form a single solvable equation</p> $3p + y = 90$ $y = 7p$ $p = ?$	<p>A $3p - 11p = 90$</p> <p>B $12p + 7 = p$</p> <p>C $3p + 11p = 90$</p> <p>D $3p + 10p = 90$</p> <p>E $3p + 7 = 90$</p> <p>F $3p + 7p = 90$</p>	<p>2 Substitute the second variable equation into the first equation to form a single solvable equation</p> $10y - z = 24$ $z = 7y$ $y = ?$	<p>A $10y - 7y = 24$</p> <p>B $10y - 10y = 24$</p> <p>C $10y + 7y = 24$</p> <p>D $10y + 10y = 24$</p> <p>E $10y + 7 = 24$</p> <p>F $11y + 7 = y$</p>
<p>3 Substitute the second variable equation into the first equation to form a single solvable equation</p> $8p + y = 70$ $y = 2p$ $p = ?$	<p>A $8p - 9p = 70$</p> <p>B $8p + 2 = 70$</p> <p>C $8p + 8p = 70$</p> <p>D $8p + 9p = 70$</p> <p>E $10p + 2 = p$</p> <p>F $8p + 2p = 70$</p>	<p>4 Substitute the second variable equation into the first equation to form a single solvable equation</p> $10m - c = 30$ $c = 4m$ $m = ?$	<p>A $10m + 7m = 30$</p> <p>B $10m + 4m = 30$</p> <p>C $10m - 7m = 30$</p> <p>D $10m - 4m = 30$</p> <p>E $10m + 4 = 30$</p> <p>F $8m + 4 = m$</p>
<p>5 Substitute the second variable equation into the first equation to form a single solvable equation</p> $4b - r = 9$ $r = 3b$ $b = ?$	<p>A $4b - 3b = 9$</p> <p>B $12b + 3 = b$</p> <p>C $4b + 3 = 9$</p> <p>D $4b + 11b = 9$</p> <p>E $4b - 11b = 9$</p> <p>F $4b + 3b = 9$</p>	<p>6 Substitute the second variable equation into the first equation to form a single solvable equation</p> $10r + m = 42$ $m = 11r$ $r = ?$	<p>A $5r + 11 = r$</p> <p>B $10r + 4r = 42$</p> <p>C $10r + 3r = 42$</p> <p>D $10r + 11r = 42$</p> <p>E $10r + 11 = 42$</p> <p>F $10r - 4r = 42$</p>
<p>7 Substitute the second variable equation into the first equation to form a single solvable equation</p> $6z + b = 36$ $b = 12z$ $z = ?$	<p>A $6z + 3z = 36$</p> <p>B $6z + 12 = 36$</p> <p>C $6z + 12z = 36$</p> <p>D $5z + 12 = z$</p> <p>E $6z - 4z = 36$</p> <p>F $6z + 4z = 36$</p>	<p>8 Substitute the second variable equation into the first equation to form a single solvable equation</p> $5m + x = 63$ $x = 4m$ $m = ?$	<p>A $10m + 4 = m$</p> <p>B $5m + 9m = 63$</p> <p>C $5m - 9m = 63$</p> <p>D $5m + 4 = 63$</p> <p>E $5m + 4m = 63$</p> <p>F $5m + 8m = 63$</p>