



Linear Equation Systems - Simple Addition To Equation

1 Add or subtract multiples of the second equation to the first equation to form a single solvable equation $\begin{aligned} 8n + 3p &= 71 \\ -4n + 6p &= 2 \\ p &=? \end{aligned}$	A $15p = 75$	B $75p = 15$	2 Add or subtract multiples of the second equation to the first equation to form a single solvable equation $\begin{aligned} 12c + 9x &= 132 \\ -6c + 2x &= -14 \\ x &=? \end{aligned}$	A $13x = 13$	B $104x = 11$
	C $2p = 71$	D $15p = 71$		C $-14x = 132$	D $104x = 13$
	E $15p = 15$	F $75p = 8$		E $13x = 132$	F $13x = 104$
3 Add or subtract multiples of the second equation to the first equation to form a single solvable equation $\begin{aligned} 10x + 3d &= 58 \\ -2x + 2d &= 4 \\ d &=? \end{aligned}$	A $78d = 9$	B $78d = 13$	4 Add or subtract multiples of the second equation to the first equation to form a single solvable equation $\begin{aligned} 4p + 4n &= 28 \\ -2p + 5n &= 0 \\ n &=? \end{aligned}$	A $28n = 5$	
	C $4d = 58$	D $13d = 78$		B $4n + 0n - 14 = 28$	
	E $13d = 58$	F $13d = 13$		C $28n = 14$	
				D $0n = 28$	
				E $14n = 28$	
				F $14n = 14$	
5 Add or subtract multiples of the second equation to the first equation to form a single solvable equation $\begin{aligned} 2y + 6n &= 52 \\ 4y - 3n &= -16 \\ y &=? \end{aligned}$	A $10y = 10$	B $20y = 10$	6 Add or subtract multiples of the second equation to the first equation to form a single solvable equation $\begin{aligned} 6y + 8z &= 34 \\ -2y + 2z &= -2 \\ z &=? \end{aligned}$	A $14z = 14$	B $-2z = 34$
	C $10y = 52$	D $-16y = 52$		C $14z = 34$	D $14z = 28$
	E $20y = 5$	F $10y = 20$		E $28z = 5$	F $28z = 14$
7 Add or subtract multiples of the second equation to the first equation to form a single solvable equation $\begin{aligned} 8r + 3d &= 55 \\ -4r + 2d &= -10 \\ d &=? \end{aligned}$	A $7d = 35$	B $35d = 8$	8 Add or subtract multiples of the second equation to the first equation to form a single solvable equation $\begin{aligned} 8x + 9p &= 110 \\ -4x + 3p &= -10 \\ p &=? \end{aligned}$	A $15p = 110$	B $90p = 9$
	C $-10d = 55$	D $7d = 7$		C $90p = 15$	D $-10p = 110$
	E $35d = 7$	F $7d = 55$		E $15p = 15$	F $15p = 90$