

Quiz: Linear Systems - Write as a Matrix

Write the linear system as a matrix equation.

1.
$$\begin{aligned} 6x+30y &= 50 \\ 2x+14y &= 42 \end{aligned}$$

2.
$$\begin{aligned} 2x+9y-5z &= -5 \\ 6x-2y-5z &= 18 \\ 9x+3y-1z &= -92 \end{aligned}$$

3.
$$\begin{aligned} 6x+8y &= 28 \\ 7x+3y &= 92 \end{aligned}$$

4.
$$\begin{aligned} 2x+4y-3z &= 69 \\ -7x+5y+7z &= 49 \\ 4x-4y+7z &= 92 \end{aligned}$$

5.
$$\begin{aligned} 3x+5y &= -27 \\ 4x-7y &= 48 \end{aligned}$$

6.
$$\begin{aligned} -6x+3y &= 97 \\ 2x-5y &= 60 \end{aligned}$$

7.
$$\begin{aligned} 2x+8y-2z &= 34 \\ 9x+6y-6z &= -47 \\ 2x-7y+2z &= 54 \end{aligned}$$

8.
$$\begin{aligned} 8x-4y &= -74 \\ 6x+1y &= 23 \end{aligned}$$

9.
$$\begin{aligned} 2x-6y+2z &= 27 \\ 2x+8y-3z &= 19 \\ 6x-2y+8z &= 89 \end{aligned}$$

10.
$$\begin{aligned} 9x+5y &= 85 \\ 2x-4y &= -46 \end{aligned}$$

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%