Solving Linear Systems Extra Practice

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

$$\begin{aligned} 2x_1 - x_2 - 3x_3 &= 1 \\ -2x_1 + 2x_2 + 5x_3 &= 0 \end{aligned}$$

$$\begin{aligned} x + 2y + z &= 3 \\ x - 2y - 5z &= 0 \\ -3x + 4y - 5z &= -8 \end{aligned}$$

$$\begin{aligned} 2x + 6y &= 0 \\ x + y &= 6 \end{aligned}$$

$$3x + 2y = 8$$

$$\begin{aligned} x - y &= 3 \\ x + 2y &= 1 \end{aligned}$$

$$\begin{aligned} 3x - y - 4z &= 2 \\ 2x + y + z &= 1 \\ -x - y - z &= 3 \end{aligned}$$

$$\begin{aligned} x_1 - 3x_2 &= 5 \\ 3x_1 + 5x_2 &= 1 \end{aligned}$$

$$\begin{aligned} 3a + 4b &= 9 \\ -a - b &= 1 \\ a + 2b &= 6 \end{aligned}$$

$$\begin{aligned} 5x - 4z &= 2 \\ y + z &= 1 \\ z &= 2 \end{aligned}$$

$$\begin{aligned} r - s &= 3 \\ 2r - 2s &= 6 \end{aligned}$$

$$\begin{aligned} -4w - 5x + 9y - z &= 2 \\ w + 2x - 5y + 7z &= 3 \\ 3x + 5y - 3z &= -1 \end{aligned}$$

$$\begin{aligned} x + 2y - z &= 5 \\ -2x - 3y + z &= 0 \\ 3x + 5y - 2z &= 5 \end{aligned}$$

$$\begin{aligned} x_1 + 3x_2 &= 1 \\ 2x_1 + x_2 &= -3 \\ 2x_1 + 2x_2 &= 0 \end{aligned}$$

$$\begin{aligned} x_1 + 3x_2 &= 1 \\ 2x_1 + x_2 &= -3 \\ 2x_1 + 2x_2 &= -2 \end{aligned}$$

$$\begin{aligned} x + y &= 0 \\ 2x - y + 3z &= 3 \\ x - 2y - z &= 3 \end{aligned}$$

$$\begin{aligned} x_1 + 4x_2 - 4x_3 &= 0 \\ 6x_3 &= 12 \\ -11x_2 + 7x_3 &= 3 \end{aligned}$$

$$\begin{aligned} a + b - c &= 4 \\ 2a + 3b - 4c &= 11 \\ a + 2b - 3c &= 7 \end{aligned}$$

$$\begin{aligned} x + 2y &= 4 \\ -x + 3y + 3z &= -2 \\ y + z &= 0 \end{aligned}$$

$$\begin{aligned} x - y + 2z + 3w &= 0 \\ x + z + 5w &= 0 \\ 2x - 3y + 5z + 4w &= 0 \\ 3x + 2y - z + w &= 0 \end{aligned}$$

$$\begin{aligned} 3a + 2b + c &= 0 \\ 2a + b &= 0 \end{aligned}$$