

$$4 \begin{bmatrix} \frac{3}{4} \times -\frac{1}{2}y = 10 \\ \frac{3}{4} \times -\frac{1}{2}y = 10 \end{bmatrix} \qquad 3x - 2y = 40$$

$$8x + 5y = 210$$

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$$40 = 20 \begin{bmatrix} \frac{4}{5} \times +\frac{1}{4}y = \frac{21}{2} \end{bmatrix}$$

$$40 = \begin{bmatrix} \frac{3}{5} \times -\frac{1}{5} & \frac{2}{5} \\ \frac{3}{5} \times -\frac{1}{5} & \frac{3}{5} \end{bmatrix} = \begin{bmatrix} \frac{40}{210} \times -\frac{1}{5} & \frac{1}{210} \\ \frac{1}{5} & \frac{1}{5} & -\frac{1}{5} & \frac{1}{5} & \frac{2}{5} \\ \frac{1}{5} & \frac{1}{5} & -\frac{1}{5} & \frac{1}{5} & \frac{1}{5} \end{bmatrix} = \begin{bmatrix} \frac{1}{2} & \frac{1}{5} & \frac{1}{5} & \frac{1}{5} \\ \frac{1}{5} & \frac{1}{5} & -\frac{1}{5} & \frac{1}{5} & \frac{1}{5} \\ \frac{1}{5} & \frac{1}{5} & -\frac{1}{5} & \frac{1}{5} & \frac{1}{5} \end{bmatrix} = \begin{bmatrix} \frac{1}{5} & \frac{1}{5} & \frac{1}{5} \\ \frac{1}{5} & -\frac{1}{5} & \frac{1}{5} \\ \frac{1}{5} & -\frac{1}{5} & -\frac{1}{5} \\ \frac{1}{5} \\ \frac{1}{5} & -\frac{1}{5} \\ \frac{1}{5} & -\frac{1}{5} \\ \frac{1}{$$

$$\begin{array}{l} 27v - 8w + 3x - 7y + 19z = 401.2 \\ 64v - 3w + 18x - 39y - 22z = -3939.3 \\ v + 91x + 17y + 89z = 3498.4 \\ 8v + 17w - 9x + 33y - 11z = 3028.9 \\ -6v - 52w - 13x - 29y + z = -4621.5 \\ \end{array}$$