

1. Solve the following system of equations for all the variables:

$$\begin{aligned}3v - 5d - 9m &= 11 \\2v - 10d + m &= -74 \\-7v - 5d - 2m &= -67\end{aligned}$$

2. Solve the following system of equations for all the variables:

$$\begin{aligned} -10y - 3b + 6c &= 2 \\ 2y - 9b + 10c &= -130 \\ -9y + 6b - 5c &= 120 \end{aligned}$$

3. Solve the following system of equations for all the variables:

$$-8s - 10m + 8a = 226$$

$$3s - 4m - 9a = -57$$

$$8s + 10m - 5a = -205$$

4. Solve the following system of equations for all the variables:

$$-10j + 9a + 10s = 75$$

$$-6j - 4a + 8s = 104$$

$$-3j + 9a + 7s = 15$$