

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

$$\begin{aligned} -7f - 7z - 7w &= 168 \\ -7f + 6z + 9w &= -67 \\ 8f - z - 4w &= -21 \end{aligned}$$

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

$$3f + 4v - 10y = -21$$

$$4f - 3v - y = 17$$

$$4f + 4v + 4y = 56$$

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

$$\begin{aligned} -7w - 6h + 6p &= 71 \\ -6w + 2h + 8p &= 78 \\ -10w + 7h + 3p &= 68 \end{aligned}$$

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

$$-10d + 2k + l = -64$$

$$3d - 7k + l = -37$$

$$-7d + 10k + 4l = 61$$