

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

$$-2y + 2q + 10c = -14$$

$$4y - 5q + 2c = -41$$

$$-9y + 4q + 6c = 39$$

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

$$-4y - 10q + 9z = 52$$

$$6y + 6q + 5z = 98$$

$$10y + 9q - 7z = 9$$

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

$$-4g + 4w - 3u = -34$$

$$3g + 8w + 2u = -54$$

$$-2g + 8w + 9u = 46$$

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

$$\begin{aligned}4z - 8v + 7x &= 25 \\-z - 4v + 6x &= -34 \\-4z - 4v - 3x &= 23\end{aligned}$$