

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

$$-2r + 4v + 7k = -6$$

$$4r + 8v - 4k = -12$$

$$-9r + 3v + 4k = 68$$

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

$$2q - 2a + 10r = 50$$

$$10q + 9a + r = 62$$

$$4q + 5a + r = 32$$

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

$$-7n + 4t + 10s = -133$$

$$-4n + 7t + 8s = -99$$

$$-8n - 7t + 7s = -105$$

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

$$\begin{aligned}5s - 6h + 2a &= 110 \\-8s - 2h - 7a &= -60 \\-10s - 5h + 2a &= -50\end{aligned}$$