

Number:
Title:

Textbook Section:

1. Give the complete solution to the system of equations.

$$\begin{cases} x - y + 2z = 2 \\ 3x + y + 5z = 8 \\ 2x - y - 2z = -7 \end{cases}$$

2. Give the complete solution to the system of equations.

$$\begin{cases} 2y + z = 3 \\ 5x + 4y + 3z = -1 \\ x - 3y = -2 \end{cases}$$

3. Find real numbers a , b , and c so that the graph of the function $y = ax^2 + bx + c$ contains the points $(-1, -2)$, $(1, -4)$ and $(2, 4)$.