

Number:

Textbook Section:

Title:

1. Solve the system for x .

$$\begin{cases} ax + by = e \\ cx + dy = f \end{cases}$$

Solve each system using determinants, if possible.

OR Solve each system using Cramer's Rule, if possible.

2.
$$\begin{cases} 6x + 12y = 33 \\ 4x + 7y = 20 \end{cases}$$

3.
$$\begin{cases} x + 2y = 8 \\ x - 3y + z = -2 \\ 2x - y = 1 \end{cases}$$

4.
$$\begin{cases} x + y + z = 4 \\ -2x - y + 3z = 1 \\ y + 5z = 9 \end{cases}$$