

Class Discussion

Unit 7 Topic 3 Part 1 Systems of 3 variables

Solve the systems

$$1. \begin{cases} 2x - y + z = 3 \\ 4x - 3y + 2z = 4 \\ 6y + 3z = 5 \end{cases}$$

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

$$3. \begin{cases} x + 2y - 7z = -4 \\ 2x + y + z = 13 \\ 3x + 9y - 36z = -33 \end{cases}$$