Systems of Three Equations · 1

Solve the system.

$$\begin{cases} 2y = 4 \\ x + 2y + z = 2 \\ -x + z = 0 \end{cases}$$

Systems of Three Equations · 2

Solve the system.

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

Systems of Three Equations · 3

Solve the system.

$$\begin{cases} x - y - z = -10 \\ 2x + y + z = 4 \\ 2x + z = 0 \end{cases}$$

Systems of Three Equations · 4

Solve the system.

$$\begin{cases} 2y + z = -3 \\ x + z = 0 \\ y = 0 \end{cases}$$

Systems of Three Equations · 5

Solve the system.

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

Systems of Three Equations · 6

Solve the system.

$$\begin{cases} y - z = 6 \\ 2x + y = 7 \\ x + y - z = 8 \end{cases}$$

Systems of Three Equations · 7

Solve the system.

$$\begin{cases} x + y = 1 \\ x + z = 0 \\ 2x - y + z = 5 \end{cases}$$

Systems of Three Equations · 8

Solve the system.

$$\begin{cases} 2y + 2z = -12 \\ x + y + 2z = -6 \\ -y = 3 \end{cases}$$

Systems of Three Equations · 2

ANSWER

(0, -2, -4)

Systems of Three Equations · 1

ANSWER

(-1, 2, -1)

Systems of Three Equations · 4

ANSWER

(3, 0, -3)

Systems of Three Equations · 3

ANSWER

(-2, 4, 4)

Systems of Three Equations · 6

ANSWER

(2, 3, -3)

Systems of Three Equations · 5

ANSWER

(3, -1, -1)

Systems of Three Equations · 8

ANSWER

(3, -3, -3)

Systems of Three Equations · 7

ANSWER

(3, -2, -3)

Solve the system.

$$\begin{cases} -2x + 2y - 3z = -4 \\ -x + 3y - z = 6 \\ 2x + 3y + 3z = 19 \end{cases}$$

Solve the system.

$$\begin{cases} -x + y + z = 2 \\ 3x + 3y - 3z = -18 \\ x + 3y + z = -6 \end{cases}$$

Solve the system.

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

Solve the system.

$$\begin{cases} x + y + z = -9 \\ -x + y + z = -1 \\ -2x - y - 3z = 15 \end{cases}$$

Solve the system.

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

Solve the system.

$$\begin{cases} -x - 3y + z = -6 \\ 3x - 3y + z = -22 \\ -x - y + z = 0 \end{cases}$$

Solve the system.

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

Solve the system.

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

Systems of Three Equations · 10

ANSWER

(-2, -2, 2)

Systems of Three Equations · 9

ANSWER

(-1, 3, 4)

Systems of Three Equations · 12

ANSWER

(-4, -4, -1)

Systems of Three Equations · 11

ANSWER

(2, -1, 4)

Systems of Three Equations · 14

ANSWER

(-4, 3, -1)

Systems of Three Equations · 13

ANSWER

(-2, -1, 1)

Systems of Three Equations · 16

ANSWER

(1, 0, 0)

Systems of Three Equations · 15

ANSWER

(-2, 3, -1)

Solve the system.

$$\begin{cases} -2x + y - 2z = -12 \\ -x + y + z = 1 \\ x + 3y - 2z = 4 \end{cases}$$

Solve the system.

$$\begin{cases} x + y - z = 0 \\ -x - 3y - z = 4 \\ -x - y + 3z = 2 \end{cases}$$

Solve the system.

$$\begin{cases} x + y + 3z = 19 \\ -3x + y + 2z = 7 \\ x - 3y - z = -17 \end{cases}$$

Solve the system.

$$\begin{cases} -3x - y - z = 16 \\ -x - 2y - z = 5 \\ -x - 2y + z = 1 \end{cases}$$

Solve the system.

$$\begin{cases} 3x + y + z = 13 \\ 3x + y - 2z = 25 \\ -x + 2y + 2z = -9 \end{cases}$$

Solve the system.

$$\begin{cases} -3x - 3y + 2z = -1 \\ x - 3y + 3z = -14 \\ -x + y + 2z = -9 \end{cases}$$

Solve the system.

$$\begin{cases} 3x - y + 3z = -10 \\ -x - 2y - z = 8 \\ -3x + y + 2z = -5 \end{cases}$$

Solve the system.

$$\begin{cases} 3x - 3y - 2z = -5 \\ -3x + y - z = 13 \\ x - y - 3z = 3 \end{cases}$$

Systems of Three Equations · 18

ANSWER

(4, -3, 1)

Systems of Three Equations · 17

ANSWER

(4, 2, 3)

Systems of Three Equations · 20

ANSWER

(-5, 1, -2)

Systems of Three Equations · 19

ANSWER

(2, 5, 4)

Systems of Three Equations · 22

ANSWER

(-2, -1, -5)

Systems of Three Equations · 21

ANSWER

(5, 2, -4)

Systems of Three Equations · 24

ANSWER

(-4, -1, -2)

Systems of Three Equations · 23

ANSWER

(-1, -2, -3)