三元一次方程式 ($ax+by+cz=d$)

姓名: _____

日期: _____ 分數: _____

1.
$$\begin{aligned} 4x - 5y - 5z &= -38 \\ 6x + 5y + 2z &= 94 \\ 3x - 1y - 3z &= -6 \end{aligned}$$

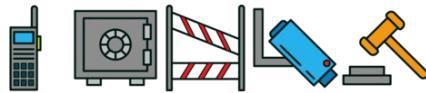
2.
$$\begin{aligned} 5x - 1y + 4z &= 35 \\ 2x + 3y - 2z &= 9 \\ 5x - 5y + 3z &= -1 \end{aligned}$$

3.
$$\begin{aligned} 6x - 1y + 2z &= 53 \\ 3x + 3y - 3z &= 27 \\ 3x - 1y + 5z &= 47 \end{aligned}$$

4.
$$\begin{aligned} 3x + 6y - 3z &= 24 \\ 4x + 4y + 4z &= 64 \\ 3x - 1y + 3z &= 24 \end{aligned}$$

5.
$$\begin{aligned} 6x - 2y + 4z &= 30 \\ 3x + 2y + 4z &= 52 \\ 6x - 5y - 6z &= -71 \end{aligned}$$

6.
$$\begin{aligned} 2x + 2y - 6z &= -28 \\ 2x - 4y - 2z &= -8 \\ 5x - 1y - 4z &= 6 \end{aligned}$$



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1.
$$\begin{aligned} 4x - 5y - 5z &= -38 \\ 6x + 5y + 2z &= 94 \\ 3x - 1y - 3z &= -6 \end{aligned}$$

$x = 8$

$y = 6$

$z = 8$

2.
$$\begin{aligned} 5x - 1y + 4z &= 35 \\ 2x + 3y - 2z &= 9 \\ 5x - 5y + 3z &= -1 \end{aligned}$$

$x = 2$

$y = 7$

$z = 8$

3.
$$\begin{aligned} 6x - 1y + 2z &= 53 \\ 3x + 3y - 3z &= 27 \\ 3x - 1y + 5z &= 47 \end{aligned}$$

$x = 8$

$y = 7$

$z = 6$

4.
$$\begin{aligned} 3x + 6y - 3z &= 24 \\ 4x + 4y + 4z &= 64 \\ 3x - 1y + 3z &= 24 \end{aligned}$$

$x = 3$

$y = 6$

$z = 7$

5.
$$\begin{aligned} 6x - 2y + 4z &= 30 \\ 3x + 2y + 4z &= 52 \\ 6x - 5y - 6z &= -71 \end{aligned}$$

$x = 2$

$y = 7$

$z = 8$

6.
$$\begin{aligned} 2x + 2y - 6z &= -28 \\ 2x - 4y - 2z &= -8 \\ 5x - 1y - 4z &= 6 \end{aligned}$$

$x = 8$

$y = 2$

$z = 8$