



姓名: _____

日期: _____ 分數: _____

1. $4x - 1y + 5z = 49$
 $5x - 5y - 4z = -5$
 $5x + 6y - 1z = 54$

2. $1x - 2y + 4z = 21$
 $2x + 5y - 4z = 21$
 $6x + 5y - 1z = 70$

3. $5x - 3y + 4z = 49$
 $5x + 6y + 3z = 62$
 $6x - 5y - 1z = 27$

4. $1x - 2y - 2z = -2$
 $2x + 2y + 2z = 14$
 $6x - 1y - 4z = 15$

5. $1x + 1y - 5z = -1$
 $1x + 6y + 2z = 23$
 $6x - 5y - 1z = 30$

6. $2x - 3y - 1z = -27$
 $6x - 4y - 4z = -46$
 $5x - 1y + 5z = 22$



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$$\begin{aligned} 1. \quad & 4x - 1y + 5z = 49 \\ & 5x - 5y - 4z = -5 \\ & 5x + 6y - 1z = 54 \end{aligned}$$

$$\begin{aligned} x &= 7 \\ y &= 4 \\ z &= 5 \end{aligned}$$

$$\begin{aligned} 2. \quad & 1x - 2y + 4z = 21 \\ & 2x + 5y - 4z = 21 \\ & 6x + 5y - 1z = 70 \end{aligned}$$

$$\begin{aligned} x &= 7 \\ y &= 7 \\ z &= 7 \end{aligned}$$

$$\begin{aligned} 3. \quad & 5x - 3y + 4z = 49 \\ & 5x + 6y + 3z = 62 \\ & 6x - 5y - 1z = 27 \end{aligned}$$

$$\begin{aligned} x &= 7 \\ y &= 2 \\ z &= 5 \end{aligned}$$

$$\begin{aligned} 4. \quad & 1x - 2y - 2z = -2 \\ & 2x + 2y + 2z = 14 \\ & 6x - 1y - 4z = 15 \end{aligned}$$

$$\begin{aligned} x &= 4 \\ y &= 1 \\ z &= 2 \end{aligned}$$

$$\begin{aligned} 5. \quad & 1x + 1y - 5z = -1 \\ & 1x + 6y + 2z = 23 \\ & 6x - 5y - 1z = 30 \end{aligned}$$

$$\begin{aligned} x &= 7 \\ y &= 2 \\ z &= 2 \end{aligned}$$

$$\begin{aligned} 6. \quad & 2x - 3y - 1z = -27 \\ & 6x - 4y - 4z = -46 \\ & 5x - 1y + 5z = 22 \end{aligned}$$

$$\begin{aligned} x &= 1 \\ y &= 8 \\ z &= 5 \end{aligned}$$