



姓名: _____

日期: _____ 分数: _____

1. $4x + 1y + 2z = 19$
 $5x + 2y + 5z = 36$
 $1x - 2y + 5z = 16$

2. $1x - 2y - 6z = -15$
 $2x + 3y + 3z = 41$
 $5x - 6y - 2z = -15$

3. $5x + 2y - 4z = 16$
 $2x - 4y - 2z = -28$
 $6x + 6y - 3z = 48$

4. $6x - 3y + 5z = 21$
 $2x + 5y + 1z = 17$
 $3x + 4y + 3z = 23$

5. $2x - 1y - 4z = -14$
 $5x - 1y - 5z = -9$
 $3x + 1y + 3z = 25$

6. $4x - 5y - 4z = -8$
 $6x + 4y + 1z = 48$
 $5x - 6y + 1z = 3$



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$$\begin{aligned} 1. \quad & 4x + 1y + 2z = 19 \\ & 5x + 2y + 5z = 36 \\ & 1x - 2y + 5z = 16 \end{aligned}$$

$$\begin{aligned} x &= 2 \\ y &= 3 \\ z &= 4 \end{aligned}$$

$$\begin{aligned} 2. \quad & 1x - 2y - 6z = -15 \\ & 2x + 3y + 3z = 41 \\ & 5x - 6y - 2z = -15 \end{aligned}$$

$$\begin{aligned} x &= 7 \\ y &= 8 \\ z &= 1 \end{aligned}$$

$$\begin{aligned} 3. \quad & 5x + 2y - 4z = 16 \\ & 2x - 4y - 2z = -28 \\ & 6x + 6y - 3z = 48 \end{aligned}$$

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

$$\begin{aligned} 4. \quad & 6x - 3y + 5z = 21 \\ & 2x + 5y + 1z = 17 \\ & 3x + 4y + 3z = 23 \end{aligned}$$

$$\begin{aligned} x &= 2 \\ y &= 2 \\ z &= 3 \end{aligned}$$

$$\begin{aligned} 5. \quad & 2x - 1y - 4z = -14 \\ & 5x - 1y - 5z = -9 \\ & 3x + 1y + 3z = 25 \end{aligned}$$

$$\begin{aligned} x &= 3 \\ y &= 4 \\ z &= 4 \end{aligned}$$

$$\begin{aligned} 6. \quad & 4x - 5y - 4z = -8 \\ & 6x + 4y + 1z = 48 \\ & 5x - 6y + 1z = 3 \end{aligned}$$

$$\begin{aligned} x &= 5 \\ y &= 4 \\ z &= 2 \end{aligned}$$