



三元一次方程式 ( $ax+by+cz=d$ )

姓名: \_\_\_\_\_

日期: \_\_\_\_\_ 分數: \_\_\_\_\_

1. 
$$\begin{aligned} 3x + 2y - 2z &= 1 \\ 2x + 4y + 1z &= 20 \\ 4x + 5y - 3z &= 4 \end{aligned}$$

2. 
$$\begin{aligned} 6x - 5y + 3z &= 5 \\ 4x - 4y - 6z &= -42 \\ 2x - 2y - 6z &= -36 \end{aligned}$$

3. 
$$\begin{aligned} 3x + 5y - 1z &= 58 \\ 4x - 4y - 3z &= -13 \\ 1x - 5y - 4z &= -45 \end{aligned}$$

4. 
$$\begin{aligned} 2x + 6y - 2z &= 36 \\ 1x - 3y - 5z &= -26 \\ 6x + 4y - 5z &= 26 \end{aligned}$$

5. 
$$\begin{aligned} 1x - 3y - 5z &= -19 \\ 1x - 4y - 4z &= -16 \\ 5x + 3y - 5z &= 3 \end{aligned}$$

6. 
$$\begin{aligned} 4x - 1y + 4z &= 41 \\ 5x + 2y - 3z &= 34 \\ 1x - 1y - 1z &= -5 \end{aligned}$$