

三元一次方程式 ( $ax+by+cz=d$ )

姓名: \_\_\_\_\_

日期: \_\_\_\_\_ 分数: \_\_\_\_\_

1. 
$$\begin{aligned} 3x - 6y - 3z &= -6 \\ 2x + 6y + 5z &= 20 \\ 6x - 2y + 5z &= 20 \end{aligned}$$

2. 
$$\begin{aligned} 2x - 5y + 4z &= -4 \\ 3x - 3y - 3z &= -24 \\ 4x - 6y - 3z &= -39 \end{aligned}$$

3. 
$$\begin{aligned} 1x - 2y + 3z &= -7 \\ 5x + 6y + 2z &= 48 \\ 3x + 2y - 2z &= 16 \end{aligned}$$

4. 
$$\begin{aligned} 3x - 3y + 6z &= 24 \\ 1x + 4y + 3z &= 17 \\ 6x + 4y - 6z &= -14 \end{aligned}$$

5. 
$$\begin{aligned} 1x - 3y - 2z &= -18 \\ 2x - 4y - 2z &= -14 \\ 6x - 5y + 3z &= 51 \end{aligned}$$

6. 
$$\begin{aligned} 3x + 2y + 6z &= 32 \\ 6x + 6y + 6z &= 54 \\ 5x - 5y - 6z &= -28 \end{aligned}$$

三元一次方程式 ( $ax+by+cz=d$ )

姓名: \_\_\_\_\_

日期: \_\_\_\_\_ 分数: \_\_\_\_\_

1.  $3x - 6y - 3z = -6$

$2x + 6y + 5z = 20$

$6x - 2y + 5z = 20$

$x = 2$

$y = 1$

$z = 2$

2.  $2x - 5y + 4z = -4$

$3x - 3y - 3z = -24$

$4x - 6y - 3z = -39$

$x = 3$

$y = 6$

$z = 5$

3.  $1x - 2y + 3z = -7$

$5x + 6y + 2z = 48$

$3x + 2y - 2z = 16$

$x = 2$

$y = 6$

$z = 1$

4.  $3x - 3y + 6z = 24$

$1x + 4y + 3z = 17$

$6x + 4y - 6z = -14$

$x = 1$

$y = 1$

$z = 4$

5.  $1x - 3y - 2z = -18$

$2x - 4y - 2z = -14$

$6x - 5y + 3z = 51$

$x = 7$

$y = 3$

$z = 8$

6.  $3x + 2y + 6z = 32$

$6x + 6y + 6z = 54$

$5x - 5y - 6z = -28$

$x = 2$

$y = 4$

$z = 3$