

三元一次方程式 ( $ax+by+cz=d$ )

姓名: \_\_\_\_\_

日期: \_\_\_\_\_ 分數: \_\_\_\_\_

1.  $1x + 6y - 6z = -11$   
 $3x + 3y + 3z = 42$   
 $4x + 6y + 5z = 65$

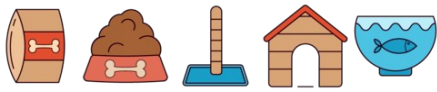
2.  $3x - 1y + 6z = 40$   
 $4x - 1y - 2z = -14$   
 $2x + 1y + 6z = 54$

3.  $6x + 1y + 4z = 38$   
 $1x + 2y - 1z = 11$   
 $4x + 5y + 6z = 80$

4.  $1x - 2y + 4z = -7$   
 $1x + 1y - 2z = 11$   
 $6x - 2y - 1z = 13$

5.  $3x - 3y - 5z = -7$   
 $2x - 2y + 4z = 10$   
 $1x + 4y + 3z = 32$

6.  $2x - 6y - 2z = -32$   
 $5x - 6y - 6z = -39$   
 $2x + 1y - 6z = -13$



姓名: \_\_\_\_\_

日期: \_\_\_\_\_ 分數: \_\_\_\_\_

1.  $1x + 6y - 6z = -11$   
 $3x + 3y + 3z = 42$   
 $4x + 6y + 5z = 65$

$$x = 7$$
$$y = 2$$
$$z = 5$$

2.  $3x - 1y + 6z = 40$   
 $4x - 1y - 2z = -14$   
 $2x + 1y + 6z = 54$

$$x = 2$$
$$y = 8$$
$$z = 7$$

3.  $6x + 1y + 4z = 38$   
 $1x + 2y - 1z = 11$   
 $4x + 5y + 6z = 80$

$$x = 1$$
$$y = 8$$
$$z = 6$$

4.  $1x - 2y + 4z = -7$   
 $1x + 1y - 2z = 11$   
 $6x - 2y - 1z = 13$

$$x = 5$$
$$y = 8$$
$$z = 1$$

5.  $3x - 3y - 5z = -7$   
 $2x - 2y + 4z = 10$   
 $1x + 4y + 3z = 32$

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

6.  $2x - 6y - 2z = -32$   
 $5x - 6y - 6z = -39$   
 $2x + 1y - 6z = -13$

$$x = 3$$
$$y = 5$$
$$z = 4$$