

三元一次方程式 ( $ax+by+cz=d$ )

姓名: \_\_\_\_\_

日期: \_\_\_\_\_ 分数: \_\_\_\_\_

1.  $5x + 2y + 1z = 41$   
 $5x + 2y - 4z = 1$   
 $5x + 6y - 1z = 41$

2.  $3x - 3y + 4z = 34$   
 $6x - 6y - 1z = 5$   
 $5x + 3y - 4z = -2$

3.  $5x + 3y - 6z = -29$   
 $2x - 2y + 2z = 14$   
 $5x + 3y + 3z = 43$

4.  $1x + 6y - 4z = 16$   
 $4x - 6y + 1z = -27$   
 $1x - 2y + 3z = 9$

5.  $5x + 1y - 4z = 26$   
 $5x + 5y - 2z = 42$   
 $1x - 2y - 1z = 0$

6.  $6x + 4y - 3z = 65$   
 $6x - 6y + 3z = 15$   
 $4x + 5y - 2z = 62$

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1.  $5x + 2y + 1z = 41$   
 $5x + 2y - 4z = 1$   
 $5x + 6y - 1z = 41$

$$x = 5$$
$$y = 4$$
$$z = 8$$

2.  $3x - 3y + 4z = 34$   
 $6x - 6y - 1z = 5$   
 $5x + 3y - 4z = -2$

$$x = 4$$
$$y = 2$$
$$z = 7$$

3.  $5x + 3y - 6z = -29$   
 $2x - 2y + 2z = 14$   
 $5x + 3y + 3z = 43$

$$x = 2$$
$$y = 3$$
$$z = 8$$

4.  $1x + 6y - 4z = 16$   
 $4x - 6y + 1z = -27$   
 $1x - 2y + 3z = 9$

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

5.  $5x + 1y - 4z = 26$   
 $5x + 5y - 2z = 42$   
 $1x - 2y - 1z = 0$

$$x = 8$$
$$y = 2$$
$$z = 4$$

6.  $6x + 4y - 3z = 65$   
 $6x - 6y + 3z = 15$   
 $4x + 5y - 2z = 62$

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