



三元一次方程式 ($ax+by+cz=d$)

姓名: _____

日期: _____ 分数: _____

1. $1x - 6y + 3z = -5$
 $3x - 1y + 2z = 14$
 $1x + 4y - 3z = -3$

2. $3x + 6y - 2z = 26$
 $6x - 1y + 6z = 59$
 $2x + 4y + 5z = 30$

3. $4x - 4y + 5z = 15$
 $5x - 1y + 3z = 41$
 $5x + 4y + 6z = 90$

4. $3x - 3y - 3z = -12$
 $6x + 5y - 1z = 61$
 $4x + 2y - 6z = 2$

5. $2x - 6y + 3z = -27$
 $1x + 5y - 3z = 37$
 $4x + 5y + 3z = 73$

6. $4x - 5y + 5z = 37$
 $4x + 3y + 3z = 33$
 $2x + 3y + 2z = 21$



姓名: _____

日期: _____ 分数: _____

1. $1x - 6y + 3z = -5$
 $3x - 1y + 2z = 14$
 $1x + 4y - 3z = -3$

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

2. $3x + 6y - 2z = 26$
 $6x - 1y + 6z = 59$
 $2x + 4y + 5z = 30$

$x = 8$
 $y = 1$
 $z = 2$

3. $4x - 4y + 5z = 15$
 $5x - 1y + 3z = 41$
 $5x + 4y + 6z = 90$

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

4. $3x - 3y - 3z = -12$
 $6x + 5y - 1z = 61$
 $4x + 2y - 6z = 2$

$x = 7$
 $y = 5$
 $z = 6$

5. $2x - 6y + 3z = -27$
 $1x + 5y - 3z = 37$
 $4x + 5y + 3z = 73$

$x = 6$
 $y = 8$
 $z = 3$

6. $4x - 5y + 5z = 37$
 $4x + 3y + 3z = 33$
 $2x + 3y + 2z = 21$

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