三元一次方程式 (ax+by+cz=d)

姓名: _____ 日期: _____ 分數: _____

1. $1x + 1y - 4z = -23$
$2x - 1y - 4z = -17$
$4x + 2y + 6z = 82$

2. $2x - 3y - 2z = -8$
$6x - 1y + 5z = 35$
$4x + 3y + 3z = 45$

3. $5x + 3y + 2z = 46$
$1x + 2y + 5z = 29$
$5x - 1y - 6z = 10$

4. $3x - 6y + 6z = 6$
$4x - 6y - 4z = -72$
$3x + 6y + 1z = 62$

5. $4x + 6y + 4z = 68$
$3x - 1y - 2z = -11$
$5x + 6y - 4z = 7$

6. $2x + 6y - 6z = -8$
$3x - 2y - 1z = -3$
$2x + 1y + 3z = 39$

三元一次方程式 (ax+by+cz=d)

姓名: _____ 日期: _____ 分数: _____

1. $1x + 1y - 4z = -23$
$2x - 1y - 4z = -17$
$4x + 2y + 6z = 82$

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

2. $2x - 3y - 2z = -8$
$6x - 1y + 5z = 35$
$4x + 3y + 3z = 45$

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

3. $5x + 3y + 2z = 46$
$1x + 2y + 5z = 29$
$5x - 1y - 6z = 10$

$x = 7$
$y = 1$
$z = 4$

4. $3x - 6y + 6z = 6$
$4x - 6y - 4z = -72$
$3x + 6y + 1z = 62$

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

5. $4x + 6y + 4z = 68$
$3x - 1y - 2z = -11$
$5x + 6y - 4z = 7$

$x = 3$
$y = 4$
$z = 8$

6. $2x + 6y - 6z = -8$
$3x - 2y - 1z = -3$
$2x + 1y + 3z = 39$

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