三元一次方程式 (ax+by+cz=d)

姓名: _____ 日期: _____ 分數: _____

1. $1x + 5y + 3z = 50$
$3x + 2y - 1z = 18$
$5x - 1y + 4z = 58$

2. $6x + 1y + 1z = 42$
$4x - 6y - 5z = -8$
$4x - 4y + 2z = 24$

3. $4x - 5y + 4z = -11$
$1x - 5y + 1z = -29$
$1x + 1y + 1z = 13$

4. $2x - 2y - 4z = -2$
$1x - 2y + 1z = 5$
$5x - 5y + 5z = 40$

5. $1x - 5y + 5z = -4$
$2x - 6y + 5z = -4$
$6x + 5y + 2z = 74$

6. $2x + 4y + 4z = 36$
$1x - 4y - 5z = -27$
$1x + 2y - 6z = -6$

三元一次方程式 (ax+by+cz=d)

姓名: _____ 日期: _____ 分数: _____

1. $1x + 5y + 3z = 50$
$3x + 2y - 1z = 18$
$5x - 1y + 4z = 58$

$x = 6$
$y = 4$
$z = 8$

2. $6x + 1y + 1z = 42$
$4x - 6y - 5z = -8$
$4x - 4y + 2z = 24$

$x = 6$
$y = 2$
$z = 4$

3. $4x - 5y + 4z = -11$
$1x - 5y + 1z = -29$
$1x + 1y + 1z = 13$

$x = 1$
$y = 7$
$z = 5$

4. $2x - 2y - 4z = -2$
$1x - 2y + 1z = 5$
$5x - 5y + 5z = 40$

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

5. $1x - 5y + 5z = -4$
$2x - 6y + 5z = -4$
$6x + 5y + 2z = 74$

$x = 6$
$y = 6$
$z = 4$

6. $2x + 4y + 4z = 36$
$1x - 4y - 5z = -27$
$1x + 2y - 6z = -6$

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