



Name: _____

Date: _____ Score: _____

1. $4x - 2y - 1z = 13$
 $1x + 6y + 3z = 52$
 $6x - 3y - 4z = 7$

2. $6x - 3y - 1z = 7$
 $3x - 2y - 5z = -33$
 $1x - 2y - 6z = -47$

3. $3x + 3y - 6z = 0$
 $2x - 1y + 2z = 24$
 $6x - 3y + 2z = 44$

4. $1x + 3y - 4z = -5$
 $1x - 5y - 5z = -24$
 $6x + 3y + 5z = 27$

5. $3x + 3y - 5z = 0$
 $4x - 4y + 6z = 14$
 $2x + 1y - 3z = -2$

6. $5x - 4y - 1z = 25$
 $3x - 5y - 4z = -14$
 $3x + 6y - 3z = 15$



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1. $4x - 2y - 1z = 13$
 $1x + 6y + 3z = 52$
 $6x - 3y - 4z = 7$

$x = 7$

$y = 5$

$z = 5$

2. $6x - 3y - 1z = 7$
 $3x - 2y - 5z = -33$
 $1x - 2y - 6z = -47$

$x = 3$

$y = 1$

$z = 8$

3. $3x + 3y - 6z = 0$
 $2x - 1y + 2z = 24$
 $6x - 3y + 2z = 44$

$x = 8$

$y = 6$

$z = 7$

4. $1x + 3y - 4z = -5$
 $1x - 5y - 5z = -24$
 $6x + 3y + 5z = 27$

$x = 1$

$y = 2$

$z = 3$

5. $3x + 3y - 5z = 0$
 $4x - 4y + 6z = 14$
 $2x + 1y - 3z = -2$

$x = 2$

$y = 3$

$z = 3$

6. $5x - 4y - 1z = 25$
 $3x - 5y - 4z = -14$
 $3x + 6y - 3z = 15$

$x = 8$

$y = 2$

$z = 7$