



Name: \_\_\_\_\_

Date: \_\_\_\_\_ Score: \_\_\_\_\_

1.  $3x + 4y + 1z = 24$   
 $4x + 4y + 4z = 48$   
 $4x + 5y - 3z = 1$

2.  $5x + 3y - 3z = 9$   
 $5x + 4y - 1z = 26$   
 $3x + 3y - 3z = -3$

3.  $4x + 2y - 4z = 8$   
 $1x - 1y + 5z = 23$   
 $6x + 5y - 4z = 24$

4.  $2x + 6y + 4z = 64$   
 $6x - 1y - 1z = 14$   
 $6x + 4y + 2z = 60$

5.  $5x + 3y + 1z = 53$   
 $6x + 5y + 4z = 79$   
 $1x + 5y + 6z = 53$

6.  $6x + 4y + 2z = 46$   
 $6x + 4y - 4z = 10$   
 $6x + 1y + 2z = 25$



Name: \_\_\_\_\_

Date: \_\_\_\_\_ Score: \_\_\_\_\_

1.  $3x + 4y + 1z = 24$   
 $4x + 4y + 4z = 48$   
 $4x + 5y - 3z = 1$

$$x = 3$$
$$y = 2$$
$$z = 7$$

2.  $5x + 3y - 3z = 9$   
 $5x + 4y - 1z = 26$   
 $3x + 3y - 3z = -3$

$$x = 6$$
$$y = 1$$
$$z = 8$$

3.  $4x + 2y - 4z = 8$   
 $1x - 1y + 5z = 23$   
 $6x + 5y - 4z = 24$

$$x = 5$$
$$y = 2$$
$$z = 4$$

4.  $2x + 6y + 4z = 64$   
 $6x - 1y - 1z = 14$   
 $6x + 4y + 2z = 60$

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

5.  $5x + 3y + 1z = 53$   
 $6x + 5y + 4z = 79$   
 $1x + 5y + 6z = 53$

$$x = 6$$
$$y = 7$$
$$z = 2$$

6.  $6x + 4y + 2z = 46$   
 $6x + 4y - 4z = 10$   
 $6x + 1y + 2z = 25$

$$x = 1$$
$$y = 7$$
$$z = 6$$