



Name: _____

Date: _____ Score: _____

1. $2x + 4y + 4z = 48$
 $2x - 1y - 5z = -17$
 $6x - 6y - 2z = 2$

$$x = 6$$
$$y = 4$$
$$z = 5$$

2. $6x + 5y + 4z = 74$
 $1x - 4y + 4z = 3$
 $6x + 5y - 6z = 44$

$$x = 7$$
$$y = 4$$
$$z = 3$$

3. $5x + 6y - 1z = 29$
 $3x - 2y + 2z = 27$
 $2x - 2y - 4z = -26$

$$x = 5$$
$$y = 2$$
$$z = 8$$

4. $1x + 2y + 1z = 27$
 $4x - 2y - 1z = -2$
 $2x - 1y - 6z = -34$

$$x = 5$$
$$y = 8$$
$$z = 6$$

5. $2x - 5y - 4z = -23$
 $6x + 6y + 4z = 64$
 $4x + 3y - 2z = 9$

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

6. $3x + 3y - 2z = 28$
 $4x + 1y + 6z = 80$
 $5x - 2y + 6z = 70$

$$x = 8$$
$$y = 6$$
$$z = 7$$