



Name: _____

Date: _____ Score: _____

1. $5x - 1y + 4z = 40$
 $6x + 4y + 4z = 50$
 $3x + 6y - 3z = 9$

2. $6x - 4y + 6z = 72$
 $3x - 3y + 5z = 45$
 $5x - 5y + 5z = 55$

3. $5x + 6y + 5z = 67$
 $6x + 3y + 1z = 36$
 $5x - 6y - 2z = -38$

4. $2x - 1y + 2z = 5$
 $5x + 5y + 4z = 63$
 $1x + 3y + 3z = 31$

5. $2x - 6y + 4z = 14$
 $2x + 2y - 6z = -10$
 $6x - 3y + 5z = 44$

6. $1x - 1y - 3z = -26$
 $1x + 6y - 4z = 22$
 $5x + 3y + 5z = 94$



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1. $5x - 1y + 4z = 40$
 $6x + 4y + 4z = 50$
 $3x + 6y - 3z = 9$

$$x = 5$$
$$y = 1$$
$$z = 4$$

2. $6x - 4y + 6z = 72$
 $3x - 3y + 5z = 45$
 $5x - 5y + 5z = 55$

$$x = 8$$
$$y = 3$$
$$z = 6$$

3. $5x + 6y + 5z = 67$
 $6x + 3y + 1z = 36$
 $5x - 6y - 2z = -38$

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

4. $2x - 1y + 2z = 5$
 $5x + 5y + 4z = 63$
 $1x + 3y + 3z = 31$

$$x = 4$$
$$y = 7$$
$$z = 2$$

5. $2x - 6y + 4z = 14$
 $2x + 2y - 6z = -10$
 $6x - 3y + 5z = 44$

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

6. $1x - 1y - 3z = -26$
 $1x + 6y - 4z = 22$
 $5x + 3y + 5z = 94$

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