Three-Variables Linear Equations ($ax+by+cz=d$)

Name: _____

Date: _____ Score: _____

1. $2x + 4y - 6z = -26$

$2x + 1y - 4z = -17$

$4x - 3y + 6z = 45$

2. $4x + 3y + 6z = 71$

$2x - 1y - 1z = 6$

$2x + 4y + 1z = 47$

3. $6x + 4y + 3z = 57$

$4x - 5y - 4z = 9$

$3x - 3y + 2z = 14$

4. $2x - 6y + 2z = 2$

$3x + 2y - 6z = 9$

$1x - 6y + 2z = -5$

5. $3x + 6y - 3z = -3$

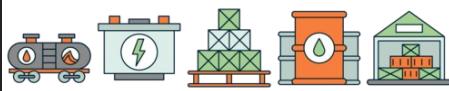
$1x - 4y + 2z = 8$

$6x + 6y - 2z = 8$

6. $5x - 1y - 2z = -6$

$6x + 3y - 4z = 20$

$1x + 4y + 2z = 42$

Three-Variables Linear Equations ($ax+by+cz=d$)

Name: _____

Date: _____ Score: _____

1. $2x + 4y - 6z = -26$

$2x + 1y - 4z = -17$

$4x - 3y + 6z = 45$

$x = 3$

$y = 1$

$z = 6$

2. $4x + 3y + 6z = 71$

$2x - 1y - 1z = 6$

$2x + 4y + 1z = 47$

$x = 8$

$y = 7$

$z = 3$

3. $6x + 4y + 3z = 57$

$4x - 5y - 4z = 9$

$3x - 3y + 2z = 14$

$x = 7$

$y = 3$

$z = 1$

4. $2x - 6y + 2z = 2$

$3x + 2y - 6z = 9$

$1x - 6y + 2z = -5$

$x = 7$

$y = 3$

$z = 3$

5. $3x + 6y - 3z = -3$

$1x - 4y + 2z = 8$

$6x + 6y - 2z = 8$

$x = 2$

$y = 1$

$z = 5$

6. $5x - 1y - 2z = -6$

$6x + 3y - 4z = 20$

$1x + 4y + 2z = 42$

$x = 2$

$y = 8$

$z = 4$