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

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

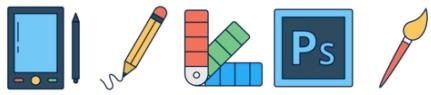
$2x + 2y - 6z = -10$

$6x - 3y + 5z = 44$

6. $1x - 1y - 3z = -26$

$1x + 6y - 4z = 22$

$5x + 3y + 5z = 94$

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

Name: _____

Date: _____ Score: _____

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. $1x - 1y - 3z = -26$

$1x + 6y - 4z = 22$

$5x + 3y + 5z = 94$

$x = 6$

$y = 8$

$z = 8$