

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

Name: _____

Date: _____ Score: _____

1. $6x + 2y + 3z = 68$
 $2x - 5y + 2z = -13$
 $1x + 1y - 6z = -10$

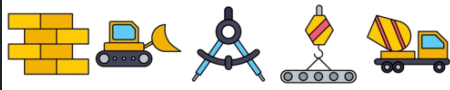
2. $5x - 3y - 3z = 2$
 $3x + 4y + 1z = 44$
 $3x - 1y - 1z = 10$

3. $5x + 2y - 6z = -11$
 $1x + 6y + 6z = 65$
 $3x + 2y + 1z = 28$

4. $5x - 4y + 5z = 38$
 $6x - 1y - 6z = -20$
 $2x - 1y - 4z = -28$

5. $3x - 2y - 6z = -16$
 $2x + 2y - 1z = 28$
 $3x - 6y - 6z = -48$

6. $4x + 4y - 3z = 25$
 $5x + 6y - 6z = 34$
 $5x - 1y + 6z = 11$



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

Name: _____

Date: _____ Score: _____

1. $6x + 2y + 3z = 68$
 $2x - 5y + 2z = -13$
 $1x + 1y - 6z = -10$
 $x = 7$
 $y = 7$
 $z = 4$

2. $5x - 3y - 3z = 2$
 $3x + 4y + 1z = 44$
 $3x - 1y - 1z = 10$
 $x = 7$
 $y = 4$
 $z = 7$

3. $5x + 2y - 6z = -11$
 $1x + 6y + 6z = 65$
 $3x + 2y + 1z = 28$
 $x = 5$
 $y = 3$
 $z = 7$

4. $5x - 4y + 5z = 38$
 $6x - 1y - 6z = -20$
 $2x - 1y - 4z = -28$
 $x = 6$
 $y = 8$
 $z = 8$

5. $3x - 2y - 6z = -16$
 $2x + 2y - 1z = 28$
 $3x - 6y - 6z = -48$
 $x = 8$
 $y = 8$
 $z = 4$

6. $4x + 4y - 3z = 25$
 $5x + 6y - 6z = 34$
 $5x - 1y + 6z = 11$
 $x = 2$
 $y = 5$
 $z = 1$