



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

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Score: \_\_\_\_\_

1.  $6x + 2y + 4z = 42$   
 $3x - 6y - 5z = -28$   
 $4x + 4y + 1z = 25$

2.  $6x + 4y - 4z = -2$   
 $1x + 4y + 4z = 49$   
 $2x - 5y + 5z = 12$

3.  $4x + 6y - 3z = 52$   
 $3x + 3y + 6z = 45$   
 $6x - 2y - 1z = 8$

4.  $2x + 4y + 4z = 30$   
 $3x - 4y - 3z = -21$   
 $4x - 1y + 1z = 5$

5.  $2x - 6y + 5z = -31$   
 $6x - 4y - 5z = -15$   
 $5x + 1y + 2z = 24$

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