



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

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

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

1.  $6x + 5y + 2z = 40$   
 $3x - 5y + 1z = -10$   
 $5x + 5y + 1z = 36$

2.  $3x + 6y + 4z = 82$   
 $1x + 2y - 2z = 14$   
 $1x + 3y - 6z = 6$

3.  $4x - 5y - 6z = -31$   
 $6x + 5y - 5z = 57$   
 $5x + 3y - 4z = 40$

4.  $2x - 2y - 4z = -28$   
 $2x - 5y - 3z = -40$   
 $6x + 6y - 1z = 54$

5.  $3x - 6y + 5z = -2$   
 $5x - 6y - 3z = -40$   
 $2x + 6y - 1z = 27$

6.  $3x - 6y + 1z = 1$   
 $1x + 6y + 6z = 14$   
 $2x - 1y - 2z = 1$