



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

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

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

1.  $3x - 6y - 6z = -18$   
 $3x - 3y - 5z = -6$   
 $6x - 2y + 4z = 42$

2.  $4x + 2y + 2z = 56$   
 $5x + 2y + 6z = 94$   
 $1x + 4y + 4z = 70$

3.  $4x + 2y - 1z = 16$   
 $4x - 3y + 4z = 26$   
 $2x - 6y + 6z = 18$

4.  $1x + 3y + 6z = 37$   
 $3x - 6y + 3z = -39$   
 $5x - 1y + 1z = -1$

5.  $3x - 1y + 4z = 35$   
 $1x + 1y + 3z = 24$   
 $6x + 4y + 6z = 78$

6.  $1x - 4y - 2z = -26$   
 $3x - 5y + 1z = -8$   
 $1x + 2y + 3z = 31$