

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

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

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

1.  $1x - 6y - 4z = -51$   
 $1x - 2y - 4z = -23$   
 $6x + 6y - 4z = 48$

2.  $4x - 3y - 4z = -22$   
 $2x - 2y + 3z = 26$   
 $2x + 6y + 3z = 74$

3.  $3x - 3y + 5z = 15$   
 $6x + 3y + 3z = 63$   
 $5x - 2y + 1z = 21$

4.  $6x - 6y + 2z = -12$   
 $6x + 4y + 1z = 35$   
 $5x + 2y + 1z = 23$

5.  $3x - 6y - 5z = -37$   
 $6x + 6y - 3z = 33$   
 $2x + 2y - 1z = 11$

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