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

Name: _____ Date: _____ Score: _____

1. $6x - 1y + 2z = 51$
   $1x + 5y + 2z = 27$
   $5x - 1y - 1z = 21$

2. $3x + 4y + 2z = 27$
   $4x - 5y - 4z = 19$
   $1x - 6y - 2z = -1$

3. $5x + 4y + 5z = 75$
   $3x + 6y + 1z = 55$
   $4x + 1y + 3z = 45$

4. $6x + 4y + 5z = 52$
   $2x + 1y + 4z = 21$
   $4x + 3y + 6z = 41$

5. $5x - 5y - 3z = -24$
   $1x + 4y - 5z = 12$
   $1x + 1y - 2z = 3$

6. $1x - 6y - 3z = -40$
   $3x - 1y - 4z = -5$
   $3x - 6y + 3z = 12$