



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

Name: _____

Date: _____ Score: _____

1. $1x + 2y + 1z = 20$
 $1x - 3y - 2z = -12$
 $2x - 5y - 2z = -12$

2. $2x - 3y - 5z = -10$
 $3x + 4y + 4z = 45$
 $5x + 6y - 4z = 41$

3. $1x - 3y + 4z = 13$
 $3x + 5y - 1z = 28$
 $1x - 1y - 2z = -1$

4. $5x + 1y + 3z = 71$
 $6x + 5y + 3z = 107$
 $1x + 4y - 2z = 20$

5. $4x - 2y + 2z = 8$
 $3x + 3y + 2z = 37$
 $3x - 6y + 5z = 7$

6. $2x + 6y + 3z = 49$
 $5x + 5y - 1z = 23$
 $2x - 5y + 4z = 12$