

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

Name: _____

Date: _____ Score: _____

1. $2x + 3y + 1z = 27$
 $6x + 1y + 4z = 18$
 $2x - 2y - 6z = -20$

2. $1x - 2y + 4z = 26$
 $2x + 4y + 6z = 70$
 $1x - 4y - 3z = -31$

3. $5x - 5y + 4z = 41$
 $5x - 4y - 2z = 18$
 $3x + 3y + 1z = 25$

4. $1x - 3y + 5z = 27$
 $3x + 6y - 6z = 18$
 $5x - 4y - 5z = -28$

5. $2x + 5y + 4z = 49$
 $6x + 5y + 3z = 74$
 $1x - 5y + 4z = 31$

6. $3x + 2y - 5z = 10$
 $1x + 1y - 3z = -2$
 $6x + 6y + 4z = 120$