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

Name: _____ Date: _____ Score: _____

1. $4x - 6y - 5z = -4$
$6x - 2y + 5z = 26$
$4x - 5y + 2z = 11$

2. $6x + 5y + 5z = 61$
$4x + 2y - 2z = 2$
$4x + 1y + 6z = 45$

3. $3x + 5y + 2z = 49$
$2x + 2y + 4z = 38$
$5x + 5y + 5z = 70$

4. $6x - 2y - 2z = 16$
$3x - 3y - 4z = -12$
$1x - 1y - 4z = -20$

5. $3x + 5y - 5z = 12$
$1x + 5y - 6z = 2$
$3x - 6y - 5z = -10$

6. $4x - 5y + 3z = 36$
$5x - 2y - 3z = 8$
$2x + 2y - 6z = -24$

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

Name: _____ Date: _____ Score: _____

1. $4x - 6y - 5z = -4$
$6x - 2y + 5z = 26$
$4x - 5y + 2z = 11$

$x = 3$
$y = 1$
$z = 2$

2. $6x + 5y + 5z = 61$
$4x + 2y - 2z = 2$
$4x + 1y + 6z = 45$

$x = 1$
$y = 5$
$z = 6$

3. $3x + 5y + 2z = 49$
$2x + 2y + 4z = 38$
$5x + 5y + 5z = 70$

$x = 3$
$y = 6$
$z = 5$

4. $6x - 2y - 2z = 16$
$3x - 3y - 4z = -12$
$1x - 1y - 4z = -20$

$x = 5$
$y = 1$
$z = 6$

5. $3x + 5y - 5z = 12$
$1x + 5y - 6z = 2$
$3x - 6y - 5z = -10$

$x = 4$
$y = 2$
$z = 2$

6. $4x - 5y + 3z = 36$
$5x - 2y - 3z = 8$
$2x + 2y - 6z = -24$

$x = 8$
$y = 4$
$z = 8$