



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

Name: _____

Date: _____ Score: _____

1.
$$3x + 5y - 3z = 9$$
$$6x - 1y + 6z = 57$$
$$4x - 6y - 6z = -38$$

2.
$$2x + 6y + 2z = 54$$
$$5x + 4y + 1z = 50$$
$$2x - 3y - 2z = -17$$

3.
$$4x + 5y - 2z = 47$$
$$1x + 1y + 3z = 31$$
$$2x + 2y - 2z = 14$$

4.
$$6x + 3y - 6z = 3$$
$$2x - 1y - 6z = -37$$
$$6x + 5y - 1z = 48$$

5.
$$3x + 4y + 3z = 52$$
$$4x + 2y + 2z = 38$$
$$1x - 4y - 2z = -32$$

6.
$$5x - 4y + 5z = 35$$
$$6x + 2y - 3z = 40$$
$$5x - 1y + 6z = 54$$