



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

Name: _____

Date: _____ Score: _____

1.

$$5x + 6y - 6z = 3$$
$$4x - 3y + 6z = 36$$
$$5x - 4y - 2z = -13$$

2.

$$2x + 4y + 4z = 50$$
$$6x + 5y + 3z = 72$$
$$6x + 2y - 2z = 34$$

3.

$$5x - 6y + 3z = 10$$
$$1x - 4y + 6z = 23$$
$$5x + 2y - 3z = 16$$

4.

$$2x + 6y - 5z = 19$$
$$3x - 4y + 5z = 14$$
$$1x + 5y - 6z = 7$$

5.

$$2x + 4y + 3z = 47$$
$$1x - 2y + 1z = -7$$
$$5x - 1y - 6z = -27$$

6.

$$5x - 5y - 1z = 21$$
$$1x + 1y - 2z = 3$$
$$4x - 4y - 1z = 16$$