



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

Name: _____

Date: _____ Score: _____

1.
$$3x - 2y + 2z = 14$$
$$1x + 4y - 4z = 0$$
$$6x + 2y + 2z = 38$$

2.
$$3x - 2y + 2z = 4$$
$$3x + 3y - 1z = 19$$
$$1x + 2y - 6z = -16$$

3.
$$1x - 3y + 6z = -8$$
$$3x + 5y - 3z = 46$$
$$2x - 6y + 5z = -30$$

4.
$$6x + 1y - 4z = 21$$
$$1x + 1y + 3z = 28$$
$$6x - 6y - 3z = 6$$

5.
$$4x + 6y + 6z = 82$$
$$2x - 1y + 5z = 41$$
$$4x + 6y + 1z = 52$$

6.
$$6x + 1y + 3z = 40$$
$$5x + 2y + 3z = 35$$
$$6x + 1y + 4z = 41$$