



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

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Score: \_\_\_\_\_

1. 
$$5x + 6y + 4z = 63$$
$$4x - 5y + 4z = -6$$
$$6x - 5y + 1z = -9$$

2. 
$$3x - 3y - 1z = -9$$
$$5x + 5y - 3z = 11$$
$$1x + 1y + 1z = 7$$

3. 
$$4x - 5y + 5z = 33$$
$$2x + 2y + 2z = 44$$
$$2x + 5y - 6z = 1$$

4. 
$$6x - 6y + 5z = 2$$
$$3x + 6y - 6z = 39$$
$$1x - 5y - 2z = -43$$

5. 
$$1x - 4y - 1z = -28$$
$$1x - 4y - 1z = -28$$
$$6x + 3y + 2z = 77$$

6. 
$$5x - 2y + 5z = 6$$
$$5x - 4y + 6z = -7$$
$$6x + 2y + 4z = 36$$