1.
$$2x - 5y + 2z = -13$$
$$1x - 2y + 5z = 4$$
$$4x + 4y - 4z = 28$$

2.
$$6x - 3y - 1z = 4$$
$$3x + 2y - 4z = 23$$
$$1x + 4y - 4z = 29$$

3.
$$6x - 3y + 2z = 32$$
$$5x - 2y - 2z = 4$$
$$2x - 3y + 1z = 1$$

4.
$$1x + 4y - 3z = -8$$
$$4x + 3y - 5z = -2$$
$$4x - 2y + 1z = 36$$

5.
$$2x + 3y - 2z = 19$$
$$4x - 3y - 5z = -32$$
$$6x - 1y + 4z = 57$$

6.
$$4x - 2y + 6z = 36$$
$$2x + 4y + 6z = 82$$
$$5x + 2y - 1z = 13$$