Name: _____   Date: _____ Score: _____

1.
$$1x + 2y + 1z = 20$$
$$1x - 3y - 2z = -12$$
$$2x - 5y - 2z = -12$$

2.
$$2x - 3y - 5z = -10$$
$$3x + 4y + 4z = 45$$
$$5x + 6y - 4z = 41$$

3.
$$1x - 3y + 4z = 13$$
$$3x + 5y - 1z = 28$$
$$1x - 1y - 2z = -1$$

4.
$$5x + 1y + 3z = 71$$
$$6x + 5y + 3z = 107$$
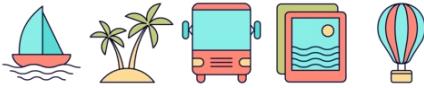$$1x + 4y - 2z = 20$$

5.
$$4x - 2y + 2z = 8$$
$$3x + 3y + 2z = 37$$
$$3x - 6y + 5z = 7$$

6.
$$2x + 6y + 3z = 49$$
$$5x + 5y - 1z = 23$$
$$2x - 5y + 4z = 12$$

1.
$$1x + 2y + 1z = 20$$
$$1x - 3y - 2z = -12$$
$$2x - 5y - 2z = -12$$

$x = 8$
$y = 4$
$z = 4$

2.
$$2x - 3y - 5z = -10$$
$$3x + 4y + 4z = 45$$
$$5x + 6y - 4z = 41$$

$x = 7$
$y = 3$
$z = 3$

3.
$$1x - 3y + 4z = 13$$
$$3x + 5y - 1z = 28$$
$$1x - 1y - 2z = -1$$

$x = 7$
$y = 2$
$z = 3$

4.
$$5x + 1y + 3z = 71$$
$$6x + 5y + 3z = 107$$
$$1x + 4y - 2z = 20$$

$x = 8$
$y = 7$
$z = 8$

5.
$$4x - 2y + 2z = 8$$
$$3x + 3y + 2z = 37$$
$$3x - 6y + 5z = 7$$

$x = 1$
$y = 6$
$z = 8$

6.
$$2x + 6y + 3z = 49$$
$$5x + 5y - 1z = 23$$
$$2x - 5y + 4z = 12$$

$x = 2$
$y = 4$
$z = 7$