Name: _____

1.
$$1x - 6y - 4z = -51$$
$$1x - 2y - 4z = -23$$
$$6x + 6y - 4z = 48$$

2.
$$4x - 3y - 4z = -22$$
$$2x - 2y + 3z = 26$$
$$2x + 6y + 3z = 74$$

3.
$$3x - 3y + 5z = 15$$
$$6x + 3y + 3z = 63$$
$$5x - 2y + 1z = 21$$

4.
$$6x - 6y + 2z = -12$$
$$6x + 4y + 1z = 35$$
$$5x + 2y + 1z = 23$$

5.
$$3x - 6y - 5z = -37$$
$$6x + 6y - 3z = 33$$
$$2x + 2y - 1z = 11$$

6.
$$6x - 5y + 5z = -4$$
$$5x - 5y + 6z = -1$$
$$4x - 5y - 4z = -42$$

Name: _____

Date: _____   Score: _____

1.
$1x - 6y - 4z = -51$
$1x - 2y - 4z = -23$
$6x + 6y - 4z = 48$

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

2.
$4x - 3y - 4z = -22$
$2x - 2y + 3z = 26$
$2x + 6y + 3z = 74$

$x = 7$
$y = 6$
$z = 8$

3.
$3x - 3y + 5z = 15$
$6x + 3y + 3z = 63$
$5x - 2y + 1z = 21$

$x = 6$
$y = 6$
$z = 3$

4.
$6x - 6y + 2z = -12$
$6x + 4y + 1z = 35$
$5x + 2y + 1z = 23$

$x = 2$
$y = 5$
$z = 3$

5.
$3x - 6y - 5z = -37$
$6x + 6y - 3z = 33$
$2x + 2y - 1z = 11$

$x = 4$
$y = 4$
$z = 5$

6.
$6x - 5y + 5z = -4$
$5x - 5y + 6z = -1$
$4x - 5y - 4z = -42$

$x = 1$
$y = 6$
$z = 4$