Name: _____

Date: _____ Score: _____

1.
$$6x + 1y - 3z = 11$$
$$2x + 2y - 2z = 6$$
$$5x - 6y - 2z = -22$$

2.
$$5x + 1y - 6z = 34$$
$$3x + 2y + 4z = 44$$
$$1x - 1y + 2z = 6$$

3.
$$4x - 2y - 2z = 4$$
$$4x + 5y - 5z = 6$$
$$4x - 2y + 3z = 24$$

4.
$$6x + 2y - 4z = -2$$
$$2x + 2y + 6z = 66$$
$$6x - 4y - 5z = -46$$

5.
$$2x + 2y + 3z = 30$$
$$4x - 1y - 1z = 12$$
$$5x + 6y - 6z = 25$$

6.
$$5x - 2y + 5z = 24$$
$$6x + 6y - 1z = 68$$
$$2x + 1y - 5z = -4$$

www.snowmath.com

1.
$$6x + 1y - 3z = 11$$
$$2x + 2y - 2z = 6$$
$$5x - 6y - 2z = -22$$

$x = 4$
$y = 5$
$z = 6$

2.
$$5x + 1y - 6z = 34$$
$$3x + 2y + 4z = 44$$
$$1x - 1y + 2z = 6$$

$x = 8$
$y = 6$
$z = 2$

3.
$$4x - 2y - 2z = 4$$
$$4x + 5y - 5z = 6$$
$$4x - 2y + 3z = 24$$

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

4.
$$6x + 2y - 4z = -2$$
$$2x + 2y + 6z = 66$$
$$6x - 4y - 5z = -46$$

$x = 3$
$y = 6$
$z = 8$

5.
$$2x + 2y + 3z = 30$$
$$4x - 1y - 1z = 12$$
$$5x + 6y - 6z = 25$$

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

6.
$$5x - 2y + 5z = 24$$
$$6x + 6y - 1z = 68$$
$$2x + 1y - 5z = -4$$

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