

## Algebra 3 Assignment # 1

$$x - 2y + 3z = -2$$

$$(1) -4x + 10y + 2z = -2$$

$$3x + y + 10z = 7$$

$$-x + 2y + 3z = 11$$

$$(2) 2x - 3y = -6$$

$$3x - 3y + 3z = 3$$

$$x - 2z = 5$$

$$(3) 3y + 4z = -2$$

$$-2x + 3y + 8z = 4$$

Answers:

1.  $x=5$ ;  $y=2$ ;  $z=-1$

2.  $x=3$ ;  $y=3$ ;  $z=2$

3. NS