## Algebra II Class Worksheet \#4 Unit 2 page 1

Solve the following systems of equations using the graphing method.

1. $2 x+3 y=9$

$$
\mathbf{x}=
$$

$y=$
$\qquad$

$$
x-y=2
$$

$\mathbf{x}=$

2. $x-2 y=-8$

$$
x+y=-2
$$

$$
\mathbf{y}=
$$

$\qquad$


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Solve each of the following systems using the substitution method.
3. $2 x+3 y=1$

$$
y=3 x-7
$$

$\mathbf{x}=$ $\qquad$

$$
\mathbf{y}=
$$

$\qquad$
4. $x=4 y+3$
$\mathbf{x}=$ $\qquad$

$$
2 x-7 y=4
$$

$$
\mathbf{y}=
$$

$\qquad$

Solve each of the following systems using the multiplication-addition method.
5. $4 x-3 y=26$
$\mathbf{x}=$ $\qquad$
$2 x+y=8$
$y=$ $\qquad$
6. $3 x+7 y=-2$
$\mathbf{x}=$ $\qquad$

$$
5 x+4 y=-11
$$

$$
\mathbf{y}=
$$

$\qquad$

