

NAME: _____ DATE: _____ HOUR: _____

Section 5.2 Practice

For each of the following:

- Solve the system of equations by using substitution.
- Check your solution.

1) $y = x + 5$
 $y = 5x + 1$

Solution: _____

2) $y = 8x - 5$
 $y = 4x + 3$

Solution: _____

3) $x = 5y - 2$
 $2x + 3y = 9$

Solution: _____

4) $4x - 5y = 6$
 $y = 5x + 3$

Solution: _____

5) $2x + y = 6$
 $5x - 6y = 8$

Solution: _____

6) $7x + 3y = 7$
 $x - 9y = 1$

Solution: _____

7) $2x + 5y = 15$
 $4x - 3y = -12$

Solution: _____

8) $-2x + 6y = 6$
 $-7x + 8y = -5$

Solution: _____