Solving Systems of Equations by Substitution

Solve each system by substitution.

1) $y = 6x - 11$
   $-2x - 3y = -7$

2) $2x - 3y = -1$
   $y = x - 1$

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

4) $-3x - 3y = 3$
   $y = -5x - 17$

5) $y = -2$
   $4x - 3y = 18$

6) $y = 5x - 7$
   $-3x - 2y = -12$

7) $-4x + y = 6$
   $-5x - y = 21$

8) $-7x - 2y = -13$
   $x - 2y = 11$

9) $-5x + y = -2$
   $-3x + 6y = -12$

10) $-5x + y = -3$
    $3x - 8y = 24$

How did you feel while completing this homework?

1: I understood and could complete essentially no problems on this homework.	2: I could complete less than half of the problems on this homework.	3: I could complete most of the problems but got stuck on some of them as well.	4: I understood and could complete essentially all problems on this homework

If not at a four yet, what steps do you plan to take to further your understanding of this assignment? (See Mr. Scheuer before/after school, ask Mr. Scheuer for help during class, attend Intervention, get help from a tutor, get help from other resources, etc.)

Extra Credit: Complete the below problems to earn 5 points of extra credit!

15) $6x + 6y = -6$
$5x + y = -13$

16) $2x + y = 20$
$6x - 5y = 12$

17) $-3x - 4y = 2$
$3x + 3y = -3$

18) $-2x + 6y = 6$
$-7x + 8y = -5$

19) $-5x - 8y = 17$
$2x - 7y = -17$

20) $-2x - y = -9$
$5x - 2y = 18$