Math 114 Radical Equations Additional Homework Due Thu Feb 11, 2010

SCORE: / 10 POINTS

## TO RECEIVE CREDIT, YOU MUST SHOW NEATLY HOW YOU ARRIVED AT YOUR ANSWERS AND YOU MUST CHECK YOUR ANSWERS

Solve for x. Check your answers, and put the final answer in the space provided.

[a] 
$$3 + 2\sqrt{4-x} = 11$$

FINAL ANSWER: \_\_\_\_\_

CHECK:

[b]  $15 - 4\sqrt{2x + 4} = 7$ 

FINAL ANSWER: \_\_\_\_\_

CHECK:

[c]  $1 - 3\sqrt{4x + 5} = 10$ 

FINAL ANSWER: \_\_\_\_\_

CHECK:

Name: \_\_\_\_\_\_

[d]	$5\sqrt{x-6} - 7 = 3$	FINAL ANSWER:
		CHECK:
[e]	$3\sqrt{5x-8} + 2 = 14$	EINIAL ANGWED.
[e]	$5\sqrt{5x-6+2} = 14$	FINAL ANSWER:
		CHECK:

[f]  $x + \sqrt{2x + 1} = 7$ 

FINAL ANSWER: \_\_\_\_\_

CHECK:

$$[g] \qquad x - \sqrt{3x + 1} = 1$$

FINAL ANSWER: \_\_\_\_\_

CHECK:

[h]  $\sqrt{2x+11} + x = 2$ 

FINAL ANSWER: \_\_\_\_\_

CHECK:

$$[i] \qquad x + \sqrt{5 - 2x} = 1$$

FINAL ANSWER: \_\_\_\_\_

CHECK:

 $[j] \qquad \sqrt{3x+7} - x = 3$ 

FINAL ANSWER: \_\_\_\_\_

CHECK: