Math 114
Radical Equations Additional Homework
Due Tue Nov 1, 2011

Name: _____

SCORE: ___ / 10 POINTS

<u>TO RECEIVE CREDIT, YOU MUST SHOW NEATLY HOW YOU ARRIVED AT YOUR ANSWERS AND YOU MUST CHECK YOUR ANSWERS</u>

Solve for x. **<u>Check your answers, and put the final answer in the space provided.</u>**

[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:

[d] $5\sqrt{x-6} - 7 = 3$

FINAL ANSWER: _____

CHECK:

[e] $3\sqrt{5x-8} + 2 = 14$

FINAL ANSWER: _____

CHECK:

[f] $x + \sqrt{3x-8} = 2$

FINAL ANSWER: _____

CHECK:

[g] $x - \sqrt{10 - 2x} = 5$

FINAL ANSWER: _____

CHECK:

[h] $\sqrt{5x + 11} - x = 3$

FINAL ANSWER: _____

CHECK:

[i] $x + \sqrt{19 - 3x} = 3$

FINAL ANSWER: _____

CHECK:

[j] $\sqrt{12 - 13x} + x = 4$

FINAL ANSWER: _____

CHECK: