

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:

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

FINAL ANSWER: _____

CHECK:

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

FINAL ANSWER: _____

CHECK:

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

FINAL ANSWER: _____

CHECK:

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

FINAL ANSWER: _____

CHECK:

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

FINAL ANSWER: _____

CHECK:

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

FINAL ANSWER: _____

CHECK:

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

FINAL ANSWER: _____

CHECK: