

NAME: _____

MATH 11009

HOMEWORK #7 (17 pts)

SPRING 2013

SHOW ALL WORK FOR FULL CREDIT — PLEASE CIRCLE YOUR FINAL ANSWER
EXACT ANSWERS ONLY – SIMPLIFY ALL ANSWERS

DUE: TUESDAY, APRIL 9, 2013 AT THE BEGINNING OF CLASS

1. (2 pts) Solve: $\sqrt{4 - 3x} - 8 = x$

Homework Score:

Course Grade:

17

585 =

2. (2 pts) Solve: $4x^{2/3} - 64 = 0$

3. (2 pts) Solve: $4|7 - 5x| > 16$

4. (2 pts) Solve: $|4x + 9| \leq 11$

5. (2.5 pts) Solve: $3x^2 - x - 14 \geq 0$

6. (2.5 pts) Solve: $8x^2 + 2x - 15 < 0$

7. (2 pts) Solve: $2x^{5/3} - 64 = 0$

8. (2 pts) Solve: $\sqrt{3x+1} + 3 = x$