Review Problems: (Day 1)

1) Review WS from last test

2) Review WS from Friday

3) Pg. 393... 25-32, 45, 53-57

26. $x = 2, 3$

28. $x = 0, 21$

30. $x = -1, -3$

32. $x = -\frac{1}{3}$

54. $5 \pm 2i\sqrt{3}$

56. $-\frac{3}{2} \pm i\frac{\sqrt{3}}{2}$

4) Pg. 396... 7-12

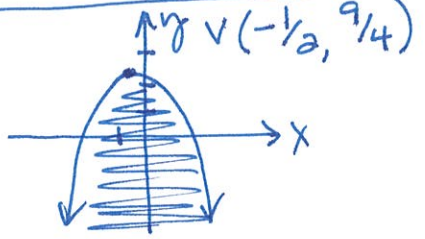
8. $x = -3, -7$

10. $6 \pm \sqrt{61}$

12. $-6 \pm 2i$

Review Problems: (Day 2)

Pg. 391... 1-6, 10-25

2. 

4. $[-3, 2]$

6. $(0, 8)$

10. $y = x^2 - 4x + 4$

12. $y \approx -127.5x^2 + 961.5x + 5474.5$

14. ≈ 5007 lb.

16. 5

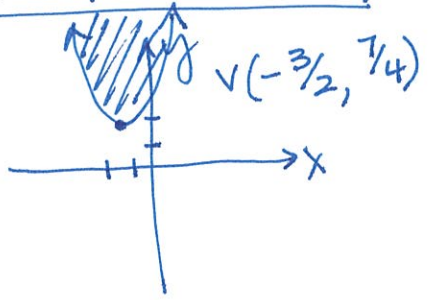
18. $-3-4i$

20. $-3+12i$

22. 17

24. $7+2i$

Pg. 394... 64-95

64. 

66. $(-\infty, -3], [1, \infty)$

68. $(-\infty, 1), (5, \infty)$

70. $(-\sqrt{3}, \sqrt{3})$

72. $y = -x^2 - 3x + 6$

74. $y \approx .000188x^2 - 0.0112x + .182$

76. $y \approx .36x^2 - 11.9x + 105$

78. 3

80. 20

82. $7+4i$

84. -6

86. $46+28i$

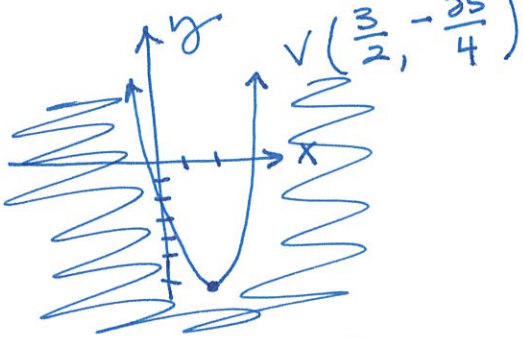
88. $9-19i$

90. 1

92. $-\frac{9}{2} + i$

94. $2-6i$

Pg. 396... 18-26

18. 

20. $(-\infty, 0), (4, \infty)$

22. $\approx \$4697$

24. $8-16i$

26. $-2-\frac{1}{4}i$