ALGEBRA 2

Thurs., Oct. 20/Fri., Oct. 21

Sec. 2.1 pp. 52-53
3, 7, 11, 17, 21, 25, 26, 27, 29, 31, 32, 35-40
Do not graph any book problems.

Handout—Graphing Quadratics in Vertex Form

Mon., Oct. 24/Tues., Oct. 25

Sec. 2.2 pp. 61-63
23, 27, 29, 33, 34, 35, 37, 38, 49, 50
61 (*x*-int only), 63 (*x*-int only), 65, 66
Sec. 3.6 pp. 144-145
3-6, a & b at right

Graph. a) $y > \frac{1}{2}x^2 - 2$
b) $y \geq -3x^2 + 12x - 4$

Wed., Oct. 26/Thurs., Oct. 27

Sec. 2.4 pp. 80-82
3, 4, 5, 7, 9, 11, 13
Regression: 27, 35

Sec. 3.1 pp. 99-101
57, 58

Solve by graphing on calculator:
(a) $2x^2 + 8x + 3 = 4x^2 + 5x - 1$

Mon., Oct. 31/Tues., Nov. 1

Sec. 3.1 pp. 99-102
15, 17, 21, 22, 29, 31, 33, 49, 52, 61, 68, 75

Solve by factoring:
(a) $5x^2 - 13x + 6 = 0$ (b) $4a^2 + 40a = 0$ (c) $36n^2 + 18n = 28$
Write a quadratic equation in standard form with the given roots.
(d) 7, -3 (e) -2/3, -4/5

Wed., Nov. 2/Thurs., Nov. 3

Sec. 3.3 pp. 116-118
16, 17, 25, 31, 32, (a), 64, 68
(a) Solve by completing the square:
$2x^2 + 26x - 1 = 0$

Sec. 3.4 pp. 127-129
10, 11, 17, 63, 69

Fri., Nov. 4/Mon., Nov. 7

No Homework Coupons!

Applications of Quadratic Functions Handout

Tues., Nov. 8/Wed., Nov. 9

Journal Due

Review Quadratic Functions

Thurs., Nov. 10/Fri., Nov. 11

QUADRATIC FUNCTIONS TEST