PRECALCULUS

Thursday, Sept. 2

Graph Transformations Handout
  15-26, 49, 50

Families of Graphs Handout

Tuesday, Sept. 7

Symmetry & Even/Odd Functions Handout

Piecewise Functions Handout

Thursday, Sept. 9

Sec. 1.4 pp. 40-42
  Identify increasing & decreasing intervals
  and relative & absolute extrema

  5, 6, 17, and a) $f(x) = \dfrac{5x^2 + 8x - 3}{3x^2 + 2}$ (calculator)

Quadratics & Inverses: See additional problems on back

Monday, Sept. 13

Graph the following inequalities:
 By hand: (a) $y > x + 2$ (b) $|x+2| \ge 5 + y$ (c) $y < \sqrt[3]{x+2} + 3$
 By calculator: (d) $y < x^3 + 5x^2 - 18x - 72$ (e) $y > |x| + 2$

Identify the (a) vertical asymptotes, (b) horizontal asymptotes (c) slant (oblique) asymptotes and (d) holes.
Sec. 2.5 p. 138 20, 22, 25, 27, a-d at right
  (a) $f(x) = \dfrac{x^2 + x - 6}{x - 4}$ (b) $f(x) = \dfrac{x + 3}{x^2 + 9}$ (c) $f(x) = \dfrac{x^2 - x - 2}{x - 2}$ (d) $f(x) = \dfrac{2x^3 + 4x^2 - 9}{3 - x^2}$

Wednesday, Sept. 15

Review Graphing

Journal Due

Friday, Sept. 17

GRAPHING TEST

Math Matters Due Next Class!