Here's a list of potential topics on the final exam. Please indicate what you'd like to review in class for the rest of the week. Write a "1" next to your highest priority, a "2" for the next highest, and so on. (You don't have to fill in every blank, but it would be helpful if you wrote down at least five choices or so.)

———— Completing the square with equations of circles and parabolas

———— Graphing functions; horizontal/vertical shifting/stretching etc.

———— Finding and graphing quadratic functions

———— Graphing polynomials; end behavior, etc.

———— Graphing Rational Functions

———— Finding the roots (zeros) of polynomial; Descartes, Rational Root Thm, etc.

———— Composite and Inverse Functions

———— Exponential and Logarithmic functions, including properties and equations

———— Compound Interest

———— Angles, trig functions; definitions, properties, basic graphs

———— Sinusoidal Curve fitting, i.e. $y = A\sin(\omega x - \phi)$ or $y = A\cos(\omega x - \phi)$

———— Inverse trig functions

———— Trig identities

———— Sum/Difference Formulas, Double- and Half-Angle Formulas

———— Trig Equations

———— Solving triangles; right triangles, Laws of Sines, Cosines, area of a triangle

———— Polar Coordinates and Complex Numbers; De Moivre and complex roots.

———— Systems of linear and non-linear equations

———— Systems of inequalities

———— Sequences and Series