Math 4 Honors Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Critical Skills Review Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*No Calculator*

*Basic skills you must have mastered in order for you to succeed in this course:*

**Rules for Exponents**

If *f*(*x*) **=** , find *f*(3).

**Squaring a Binomial**



**Product of Two Conjugates**



**Factoring**



**Simplifying Rational Expressions**





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**Solving equations by using the Zero-Product Property. (This means you must factor first.)**



**Find the exact values.**

  

**Point-Slope Form of an Equation: **

Write the equation of the line going through the points (-5, -18) and (1, -6) in point-slope form.

**Additional Topics and Terminology**

Function

Domain

Range

Zeros of a Function

Inverse

Asymptote

Logarithm

Unit Circle

Sine/Cosine/Tangent

Quadratic Formula

Imaginary Numbers

Geometric Formulas, Theorems & Definitions