

Week's Objectives, Deadlines, etc

Mon Objective: Practice factoring quadratics

Work: Factoring 1a and 1b

Tues Objective: Define what a polynomial is.

Work: Reading Assignment (See below), p 210: 15 - 22

Wed Objective: State the number of roots of a polynomial. Test if a number is the root of a polynomial.

Work: p 210: 23 - 31

Thu Objective: Calculate the polynomial of least degree, given the roots. Calculate the roots of a polynomial.

Work: p 210 - 211: 32 - 50 even

Fri Objective: State the quadratic equation. Define the discriminant, and its use in determining the types of roots in a quadratic equation.

Work: p 219: 19 - 27

Reading Assignment Tuesday

Read section 4.1 (beginning at page 205). Define the following terms in your notes, including at least one example as well as the definition of each term.

- Polynomial in one variable
- degree
- leading coefficient
- polynomial function
- zeros
- polynomial equation (How does the equation differ from the function?)
- imaginary number