AC2 Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Unit 5/6: Polynomial Functions

**Keeping Track of your Learning**

SHOW ALL WORK, ASK QUESTIONS, CHECK THE BLOG, STAY POSITIVE![MCj03970440000[1]]()

On your own: review Exponents, Factoring (see blog Unit 5/6)

Assignments

 5-1: Binomial Expansion (Goes with Pg. 306-312) \_\_\_\_\_\_

 5-2: Factoring Polynomials- Sum/Diff of Cubes and Grouping \_\_\_\_\_\_­

 Factoring Review

 5-3: Polynomial Division- Long Division and Synthetic Division \_\_\_\_\_\_

6-1: Solve Polynomial (Real solutions) \_\_\_\_\_\_

6-2: Fundamental Theorem of Algebra: (includes Imaginary solutions) \_\_\_\_\_\_

6-3: Graphing Polynomials \_\_\_\_\_\_

 Zeros (Roots), y-intercept, multiplicities, and end behavior

6-4: More Graphing \_\_\_\_\_\_

 Interval of increase/decrease, minimum/maximum

6-5: Review \_\_\_\_\_\_

 Total/100 \_\_\_\_\_\_

 **NOTES** and **Assignments** are due the day of the test Thursday, 2/1



 **Access the online book at:**

 [**http://my.hrw.com/**](http://my.hrw.com/)

 **Login/Password: available in class**

Q:What do you call it when a

 parrot hasn't been fed? A: Poly"no meal"