All learning is standards based – You must correctly complete each assignment to be eligible to retest. This outline must be turned in with test corrections 24 hours before retest.

4.4.1 **(Algebra)**: I can factor a quadratic expression using various methods and support my choice.			
Assignment	Date	Score	What I did well/need to work on
Practice Questions *P. 270: 27-36*			
Checkpoint Quiz			
Summative Score			

4.5.2 **(Algebra)**: I can find the zeros (solutions, *x*-intercepts) of a quadratic function by factoring, using a table, using the Quadratic Formula, or by graphing.			
Assignment	Date	Score	What I did well/need to work on
Practice Questions *P. 270: 37-48,61-64*			
Checkpoint Quiz			
Summative Score			

5.1.1 **(Algebra)**: I can accurately name a polynomial by its degree and number of terms.			
Assignment	Date	Score	What I did well/need to work on
Practice Questions *Pg. 285 13, 17, 19*			
Checkpoint Quiz			
Summative Score			

5.1.2 **(Functions)**: I can identify the anatomy of a polynomial, including: leading coefficient, domain, range, end behavior, relative minima/maxima. I can also use this information to graph polynomial functions.			
Assignment	Date	Score	What I did well/need to work on
Practice Questions *Pg. 285 22, 20, 34, 36, 48, 49, 50*			
Checkpoint Quiz			
Summative Score			

5.2.1 **(Algebra)**: I can factor a polynomial into its linear factors.			
Assignment	Date	Score	What I did well/need to work on
Practice Questions *Pg. 293 8, 10, 42, 61, 66*			
Checkpoint Quiz			
Summative Score			

5.2.2 **(Algebra)**: I can use a polynomial's factors, graph, and/or equation to find its zeros and determine multiplicity.			
Assignment	Date	Score	What I did well/need to work on
Practice Questions *Pg. 293 16, 18, 28, 30, 34, 46, 54*			
Checkpoint Quiz			
Summative Score			

5.2.3 **(Algebra)**: I can use zeros to construct the equation of a polynomial in factored form and/or standard form.			
Assignment	Date	Score	What I did well/need to work on
Practice Questions *Pg. 293 22, 26, 43, 45*			
Checkpoint Quiz			
Summative Score			

5.3.1**(Algebra)**: I can solve a polynomial using a variety of techniques and defend my choice.			
Assignment	Date	Score	What I did well/need to work on
Practice Questions *Pg. 301: 20,26,30,34,36, 47,51,66, 72*			
Checkpoint Quiz			
Summative Score			

5.4.1 **(Algebra)**: I can divide polynomials (to help factor).			
Assignment	Date	Score	What I did well/need to work on
Practice Questions *Pg. 308:* *10,14,16,20,22,30,31,46,54,60*			
Checkpoint Quiz			
Summative Score			

5.6.1 **(Algebra)**: I can identify the number of roots of a polynomial using various techniques.			
Assignment	Date	Score	What I did well/need to work on
Practice Questions *Pg. 323 26-29 all*			
Checkpoint Quiz			
Summative Score			

OA.5 **(Functions)**: I can identify the translation, the compression and the reflection of a **polynomial function** using Graph Translation Theorem.			
Assignment	Date	Score	What I did well/need to work on
Practice Questions *Pg. 343: 4,7,12,24,24,36, 54*			
Checkpoint Quiz			
Summative Score			

5.8.1 **(Modeling)**: I can identify the best model to describe real life data and use the model to make predictions.			
Assignment	Date	Score	What I did well/need to work on
Practice Questions *Pg. 335:5,7,12,16,20,24,28,34,51-54*			
Checkpoint Quiz			
Summative Score			

Vocabulary:

- Degree of a polynomial
- End Behavior
- Monomial
- Multiple zero
- Multiplicity
- Polynomial
- Polynomial function
- Power function
- Relative maximum/minimum
- Standard form of a polynomial
- Turning point