

**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.

**4.1.1 (Functions):** I can identify the anatomy of a parabola, including: domain, range, vertex (min/max), orientation (a), compression (a), axis of symmetry, and increasing/ decreasing intervals

Assignment	Date	Score	What I did well/need to work on
Practice Questions <i>Pg. 285 13, 17, 19</i>			
Checkpoint Quiz			
Summative Score			

**4.1.2 (Functions):** I can identify the translation, the compression and the reflection of a quadratic function using Graph Translation Theorem.

Assignment	Date	Score	What I did well/need to work on
Practice Questions <i>Pg. 285 13, 17, 19</i>			
Checkpoint Quiz			
Summative Score			

**4.2.1 (Functions):** I can write the equation of a parabola given the vertex and a second point. I can also translate between vertex form and standard form of a quadratic function.

Assignment	Date	Score	What I did well/need to work on
Practice Questions <i>Pg. 285 13, 17, 19</i>			
Checkpoint Quiz			
Summative Score			

**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 <i>P. 270: 27-36</i>			
Checkpoint Quiz			
Summative Score			

**4.5.1 (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 <i>P. 270: 37-48,61-64</i>			
Checkpoint Quiz			
Summative Score			

**4.5.2 (Algebra):** I can write the equation of a parabola (in factored form and standard form) given its zeros.

Assignment	Date	Score	What I did well/need to work on
Practice Questions <i>Pg. 285 13, 17, 19</i>			
Checkpoint Quiz			
Summative Score			

**4.7.1 (Algebra):** I can solve a quadratic equation using the Quadratic Formula. I can also use the discriminant to determine the number of solutions for a quadratic equation.

Assignment	Date	Score	What I did well/need to work on
Practice Questions <i>Pg. 285 22, 20, 34, 36, 48, 49, 50</i>			
Checkpoint Quiz			
Summative Score			

Vocabulary:

- Factored form
- Quadratic function
- Quadratic equation
- Quadratic expression
- Standard form
- Vertex
- Vertex form
- Zero