Roots, rational exponents and radicals Outline $\qquad$ Algebra 2

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.
6.1.1 (N\&Q): I can simplify \& rewrite expressions using properties of exponents.

| Assignment | Date | Score | Comments |
| :--- | :--- | :--- | :--- |
| Practice Questions <br> P. 970: various |  |  |  |

6.1.2 (N\&Q): I can determine the $n^{\text {th }}$ root and simplify $n^{\text {th }}$ roots.

| Assignment | Date | Score | Comments |
| :--- | :--- | :--- | :--- |
| Practice Questions |  |  |  |
| P. 364: $12,13,16,19,22,27,28,3036,37$ |  |  |  |
| Checkpoint Quiz |  |  |  |
| Summative Score |  |  |  |

6.2.1 (N\&Q): I can multiply and divide radical expressions.

| Assignment | Date | Score | Comments |
| :--- | :--- | :--- | :--- |
| Practice Questions |  |  |  |
| Pg. 370: $9,12,14,20,24,30,34,38,33,47,69$ |  |  |  |
| Checkpoint Quiz |  |  |  |
| Summative Score |  |  |  |

6.3.1 (N\&Q): I can add and subtract radical expressions.

| Assignment | Date | Score | Comments |
| :--- | :--- | :--- | :--- |
| Practice Questions |  |  |  |
| Pg. 378: $8,10,14,18,22,38,42,43$ |  |  |  |
| Checkpoint Quiz |  |  |  |
| Summative Score |  |  |  |

6.3.2 (N\&Q): I can multiply and divide radical binomial expressions.

| Assignment | Date | Score | Comments |
| :--- | :--- | :--- | :--- |
| Practice Questions |  |  |  |
| Pg. 378: 24,27,29,33,44,50 |  |  |  |
| Checkpoint Quiz |  |  |  |
| Summative Score |  |  |  |

6.4.1 (N\&Q): I can simplify expressions involving rational exponents.

| Assignment | Date | Score | Comments |
| :--- | :--- | :--- | :--- |
| Practice Questions |  |  |  |
| Pg. 386: 11,15,21,24,36,42,50,65,68 |  |  |  |
| Checkpoint Quiz |  |  |  |
| Summative Score |  |  |  |

6.5.1 (Algebra): I can solve radical equations and identify extraneous solutions.

| Assignment | Date | Score | Comments |
| :--- | :--- | :--- | :--- |
| Practice Questions <br> Pg. 394: $10,15,22,25,30,41,54$ |  |  |  |
| Checkpoint Quiz |  |  |  |
| Summative Score |  |  |  |

OA. 5 (Functions): I can identify the translation, compression, and reflection of a radical function using the Graph Translation Theorem.

| Assignment | Date | Score | Comments |
| :--- | :--- | :--- | :--- |
| Practice Questions <br> Pg. 419: $12,22,53$ |  |  |  |
| Checkpoint Quiz |  |  |  |
| Summative Score |  |  |  |

