

## Algebra 2H

### Final Review

#### Here is a list of topics to study

1. Properties of exponents and logarithms
2. Solving logarithmic equations
3. Pascal's Triangle and Binomial Theorem
4. Properties of radicals and solving radical equations
5. Factoring
6. Simplifying and solving rational expressions/equations/inequalities
7. Absolute value equations and inequalities
8. Interval Notation
9. Conic Sections (Graphing, writing equations etc.)
10. Finding domain and range of functions
11. Properties of functions and function notation
12. Inverse functions
13. Graphing functions
14. Finding asymptotes of functions
15. Applications of Functions (Word Problems)
16. Polynomial Division
17. Properties of Complex numbers
18. Triangle trig and unit circle trig
19. Trig identities
20. Solving trig equations
21. Systems of equations
22. Sequences and Series
23. Probability and counting principle (Including knowing Independent vs dependent and mutually exclusive vs inclusive)
24. Sigma notation
25. Set Theory