Exponents and Exponential Functions

Algebra 1

Chapter 8

**Layered Work Outline.**

**“C” Level Work (85 points maximum)** (All quizzes are mandatory)

Complete notes for each lesson

1.\_\_\_\_ Lesson 1: Apply Exponent Properties Involving Products(5 pts)

2.\_\_\_\_ Lesson 2: Apply Exponent Properties Involving Quotients(5 pts)

3.\_\_\_\_ Lesson 3: Define and Use Zero and Negative Exponents(5pts)

4.\_\_\_\_ Lesson 4: Use Scientific Notation(5 pts)

5.\_\_\_\_ Lesson 5: Write and Graph Exponential Growth Functions(5 pts)

6.\_\_\_\_ Lesson 6: Write and Graph Exponential Decay Functions(5 pts)

7.\_\_\_\_Review Sheet Chapter 8(10 pts)

8.\_\_\_\_Make up a 10 point quiz for Chapter 8. Include an answer key(10 pts)

Book Work

9.\_\_\_\_4-38 even p492(10 pts)

10.\_\_\_\_ 4-36 even p498(10 pts)

11.\_\_\_\_4-42 even p506 (10 pts)

12.\_\_\_\_ 4-26 even, 34-42 even p 515-516(10 pts)

13.\_\_\_\_ 4-7,9,13,22,31 p524(10 pts)

14.\_\_\_\_ 3-6,7,14,32-34,38-40 p535-536(10 pts)

15. \_\_\_\_ 1-38 p547(10 pts)

16.\_\_\_\_ Quiz 1 (5 pts)

17.\_\_\_\_ Quiz 2 (5 pts)

18.\_\_\_\_ Quiz 3 (5 pts)

**“B” Level Work (10 pts max)**

20.\_\_\_\_ Do 52-55 p493 (5 pts)

21.\_\_\_\_ Read the Extension on p 509-510. Do 1-8 p510 (5 pts)

22.\_\_\_\_ Do 51-53 p516 (5 pts)

23.\_\_\_\_ Do 48 and 49 p537 (5pts)

**“A” Level Work (10 pts max)**

24.\_\_\_\_ Research how a job of your choice uses Algebra(minimum of 3 paragraphs) (5 pts)

25.\_\_\_\_Do 28-30 ws 8.1 and 19-20 ws 8.2 (5 pts)

26.\_\_\_\_Do 18-20 ws 8.5 and 18-20 ws 8.6 (5 pts)

27.\_\_\_\_1-18 p550-551 (5 pts)

28.\_\_\_\_ **Unit Test**  Mandatory for all students.