Writing Linear Equations

Algebra 1

Chapter 5

**Layered Work Outline.**

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

Complete notes for each lesson

1.\_\_\_\_ Lesson 1:Write Linear Equations in Slope-Intercept Form(5 pts)

2.\_\_\_\_ Lesson2: Use Linear Equations in Slope-Intercept Form(5 pts)

3.\_\_\_\_ Lesson 3: Write Linear Equations in Point-Slope Form(5pts)

4.\_\_\_\_ Lesson 4: Write Linear Equations in Standard Form(5 pts)

5.\_\_\_\_ Lesson 5: Write Equations of Parallel and Perpendicular Lines(5 pts)

6.\_\_\_\_ Lesson 6: Fit a Line to Data(5 pts)

7.\_\_\_\_Lesson 7:Predict with Linear Models(5 pts)

8.\_\_\_\_Make up a 10 point quiz for Chapter 5. Include an answer key(10 pts)

Book Work

9.\_\_\_\_ 4-38even p286(10 pts)

10.\_\_\_\_ 3-7, 11-14,17,22,23,24p296-297(10 pts)

11.\_\_\_\_4-28even p305-306 (10 pts)

12.\_\_\_\_ 1-3 all ,6-28even p314(10 pts)

13.\_\_\_\_ 4-22 even p322(10 pts)

14.\_\_\_\_ 3-7,13,14p328-329(10 pts)

15. \_\_\_\_ 3-6,8-10p338-339(10 pts)

16.\_\_\_\_ Review Sheet (10 pts)

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

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

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

**“B” Level Work (10 pts max)**

20.\_\_\_\_ Do 45-47 p288 (5 pts)

21.\_\_\_\_ Do 37,39,40 p307 (5 pts)

22.\_\_\_\_ Read the Extension on page 309-310 and do 2-14 even p310 (5 pts)

23.\_\_\_\_ Do 17 and 19 p330

**“A” Level Work (10 pts max)**

24.\_\_\_\_ Research how Algebra is used in the career of your choice(min 3 paragraphs) (5 pts)

25.\_\_\_\_ Find examples of linear graphs in magazines or newspapers and tell what the slope equals and what it represents(min 4 graphs) (5 pts)

26.\_\_\_\_ Do 29-31 on worksheet 5.3 and 16, 17, 18 on worksheet 5.2 (5 pts)

27.\_\_\_\_ Do 22 and 23 on worksheet 5.7 and 10, 11 on worksheet 5.6 (5 pts)

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