**OBJECTIVE**: Demonstrate an understanding of the characteristics of functions with an emphasis on linear functions.

***MONDAY, 8.26.24***

**Discuss previously assigned problems: Extra Practice \_\_** Functional Operations and Linear Functions.

**Study for a Test on Functional Operations and Linear Functions** to be taken during your next class period. (You may use notes, written front and back on one sheet of paper, 8.5 by 11 inches.)

**Class Work/Homework: CHAPTER 1: *Inverse Relations and Inverse Functions* (Pages 117 – 121)**

* **Read and take notes** on pages 117 – 121 (Chapter 1: *Inverse Relations and Inverse Functions*).

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| **NEW INSTRUCTIONAL OBJECTIVES:** |
| * Review the definitions of relation and function. |
| * Understand the definition of a *One-to-One Function.* |
| * Be able to use the *Vertical Line Test* and the *Horizontal Line Test* to identify *One to One Functions.* |
| * Find the inverse of a function. |
| * Know when to use inverse functional notation. |
| * Know how to prove that 2 functions are inverses of each other by the appropriate use of composition. |
| * **Technology:** Smart Board, graphing calculator (TI-83 or TI-84). |

* ***Quick Review*** 1.5 on page 121 (#1 – 5).

***WEDNESDAY, 8.28.24***

**Test (Functional Operations and Linear Functions).** (You may use notes written front and back on one sheet of paper, 8.5 by 11 inches.)

**Class Work/Homework:**

* ***Quick Review*** 1.5 on page 121 (#6 – 10).

***FRIDAY, 8.30.24* B-DAY, NO CLASS**

***WEDNESDAY, 9.3.24***

**Discuss previously assigned problems: *Quick Review*** 1.5 on page 121 (#1 – 10).

**Class Work/Homework: *Exercises*** 1.5 on page 122 (# 9 – 12, 13, 15, 17, 19, 23, 27).