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| **INSTRUCTIONAL OBJECTIVES:** Pages 115 – 121 (Chapter 1: *Inverse Relations and Inverse Functions*). |
| * 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. |
| * Define a relation parametrically. |
| * **Technology:** Smart Board, graphing calculator (TI-83 or TI-84). |

***MONDAY, 9.16.24***

**Discuss the previously assigned work:** Page 122 (#1 – 7).

**Class Work:** Page 474 (#5, 7- 10, 11, 13).

**Homework:** Page 474 (#12, 14, 16, 17, 27, 29).

***WEDNESDAY, 9.18.24***

**Discuss the previously assigned work:** Page 474 (#12, 14, 16, 17, 27, 29).

**Class Work:** Quiz Review

**Study for a QUIZ (Parametric Equations**) to be taken on Friday.

***FRIDAY, 9.20.24***

**Quiz: Parametric Equations**

**Test Review, Inverse Functions and Parametric Mode:** Handout to be received in class.