

## **2.1-2.5 Quiz Review**

**1. Recognize the difference between:**

- a. Inductive Reasoning**
- b. Deductive Reasoning**

**2. Be able to define:**

- a. Conjecture**
- b. Postulate**
- c. Theorem**
- d. Axiom**

**3. Make a conclusion based on:**

- a. The Law of Detachment**
- b. The Law of Syllogism**

**4. Know the various Definitions, Postulates and Properties:**

- a. Definition of Congruent Segments (aka Segment Congruence Post.)**
- b. Definition of Congruent Angles (aka Angle Congruence Postulate)**
- c. Addition Property**
- d. Subtraction Property**
- e. Division Property**
- f. Multiplication Property**
- g. Reflexive Property**
- h. Symmetric Property**
- i. Transitive Property**
- j. Substitution Property**
- k. Distribution Property**

**5. Complete a logical argument by giving a reason for each step.**

**Ex.  $4x - 7 = 6x + 7$**