

Chapter 2

Review

2.1 – Conditional Statements

- **Hypothesis, Conclusion**
- **Converse, Inverse, Contrapositive**
- **Biconditional**
- **Symbols**

2.2 – Inductive Reasoning

- **Three steps of inductive reasoning**
- **Number Patterns**
- **Picture Patterns**
- **Validity of inductive reasoning**

2.3 – Deductive Reasoning

- **Difference to inductive reasoning**
- **Law of Detachment**
- **Law of Syllogism**
- **Law of Contrapositive**
- **Truth Tables**
- **Symbols**

2.4 – Properties of Algebra

- **All the different algebraic properties**
- **How to describe steps in solving algebraic problem**

2.5 – Proofs About Ang. Pairs & Segments

- **Difference between postulates and theorems**
- **Two-column Proof**
- **Apply algebraic properties, postulates, and definitions to describe reasons in a proof**
- **Memorize topics from your POK**

HOW TO STUDY FOR A GEO TEST

- **Go over notes**
- **Go over homework (Redo if necessary)**
- **Study Pool of Knowledge**
- **Study Quizlet**

FOR A GEO TEST

- **Read carefully problem and instructions**
- **Remember that it's only true if it's always true**
- **Draw pictures or counterexamples**
- **You should spend the entire period working on it and checking it over.**