

Chapter 2

2.1 Conditional Statements

[Introduction to Conditional Statements](#)

[Biconditional Statements](#)

2.2 Inductive and Deductive Reasoning

[Inductive Reasoning vs Deductive Reasoning](#)

[Deductive Reasoning Example](#)

[Inductive Reasoning Example](#)

[Making a Conjecture](#)

2.3 Postulates and Diagrams

[Point, Line and Plane Postulates](#)

[5 postulates](#)

2.4 Algebraic Reasoning

[Justifying Solutions](#)

[Algebraic Properties](#)

[Distributive Property](#)

[Properties of Equality](#)

2.5 Proving segments and angles

[Algebraic proofs](#)

[Geometric proofs](#)

[Proving statements \(Segments/angles\)](#)

[Two Column Proofs](#)

Chapter 2

2.6 Proving Geometric Relationships

[Flowchart proof](#)

[Proving Right Angles Congruence Theorem](#)

[Congruence Supplements Theorem](#)

[Congruent Complements Theorem](#)