

## **REASONING**

### **STATEMENTS**

If-Then Conditional Statements: <https://www.youtube.com/watch?v=utfC7DMKy3g>

Converse Statements: <https://www.youtube.com/watch?v=ghkaxFk-V4o>

Converse, Inverse, & Contrapositive Statements:

<https://www.youtube.com/watch?v=WvibSjKM4PI>

Negation: <https://www.youtube.com/watch?v=CHUoOzNSdtU>

Biconditional Statements: <https://www.youtube.com/watch?v=8bN77xSh60g>

Truth Tables: <https://www.youtube.com/watch?v=-r8FzV84sj8>

### **REASONING**

Inductive Reasoning & Conjecture: <https://www.youtube.com/watch?v=fUDDaHCbiQc>

Deductive Reasoning: <https://www.youtube.com/watch?v=ZTfVIMPV8KY>

Inductive vs Deductive Reasoning: <https://www.youtube.com/watch?v=VXW5mLE5Y2g>

Counterexample: <https://www.youtube.com/watch?v=M8r0GLrlls0>

### **PROPERTIES**

Algebraic POE (Proofs): <https://www.youtube.com/watch?v=qBMHv4t1yLQ>

Algebraic POE (Solving): <https://www.youtube.com/watch?v=728B0LrSwh0>

### **PROOFS**

Two-Column Proof: <https://www.youtube.com/watch?v=zQ6Y0fismDg>

Properties of Segment & Angle Congruence: <https://www.youtube.com/watch?v=djD1TzcbTHs>

Flow-chart & Paragraph Proofs: <https://www.youtube.com/watch?v=C6Rykh4OWBE>