

Name:

Date:

Pts:

Lesson 2: Foundations of Geometry – Written Summary

Term /Concept	Definition, Description, or Notes (as appropriate)	Reference Frame
Proof		
Induction		
Conjecture		
Pattern		
Symmetry	A geometric property that involves a mirror-like reflection about a line. An example is a butterfly	38 - 40
Deduction		
Conditional Statement		
Venn Diagram		
Converse		
Inverse		

Term /Concept	Definition, Description, or Notes (as appropriate)	Reference Frame
Contrapositive		
Syllogism		
Postulate		
Axiom		
Two-Column Proof		
Indirect Proof		
Theorem		
Corollary		
Axiomatic Method		
Elements		

Create your own example of a conditional if-then statement and show its Venn Diagram

Create an example of a converse of your if-then statement and show its Venn Diagram

Create an example of an inverse of your if-then statement and show its Venn Diagram

Create an example of a contrapositive of your if-then statement and show its Venn Diagram

Create your own example of a conjecture

Create your own example of a postulate