

Unit 3 – Sets, Logic and Probability

Lesson Plans	Topic	PowerPoint / AV Class Notes	Background Support Notes	Graphics Calculator Support Notes	Student Exercises	Assessment
3:1	Sets – Symbols and Diagrams	(1:1 a)	Boole		3:1	
3:2	Venn Diagrams				3:2	
3:3	Sets Problems	3:3 a-b			3:3	
Review Quiz 5						Review Quiz 5
3:4	Logic Propositions		Euclid		3:4	
3:5	Connectives				3:5a,b	
3:6	Implication	3:6 a	Aristotle		3:6	
Coursework Lesson 4						
3:7	Compound Statements & Truth Tables	3:7 a-b	Brief History of Computers	Logic Functions & Truth Tables	3:7	
3:8 & follow up	Experimental Probability				3:8	Mini Project
3:9	Theoretical Probability		Pascal		3:9	
Review Quiz 6						Review Quiz 6
3:10	Compound Events				3:10	
3:11	Tree Diagrams				3:11a,b	
3:12	Probability and Sets				3:12	
Test: Unit 3	Test Unit 3: Sets, Logic & Probability					End of unit assessment
Review of Test	Review of Test					