

Geometry: A Complete Course (with Trigonometry)

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STRUCTURE OF GEOMETRY (Unit I)	ESSENTIAL ELEMENTS		SIMPLE CLOSED PLANE CURVES			LOCI AND CONSTRUCTIONS (Unit VII)	TRIGONOMETRIC RELATIONS (Unit VIII)
	Fundamental Terms (Unit II)	Fundamental Theorems (Unit III)	Triangles (Unit IV)	Other Polygons (Unit V)	Circles (Unit VI)		
A. What is Geometry? 1 – Origin and Structure 2 – More on Things 3 – More on Operations 4 – More on Relations 5 – More on Groupings B. Scope of our Geometry 1 – Undefined Terms 2 – Simple Closed Plane Curves 3 – Polygons 4 – Solids C. Measurement 1 – Rectangles 2 – Parallelograms 3 – Triangles 4 – Trapezoids 5 – Regular Polygons 6 – Circles 7 – Prisms 8 – Pyramids 9 – Spheres D. Inductive Reasoning 1 – General Nature 2 – Applications in Math E. Deductive Reasoning 1 – General Nature 2 – Applications in Math F. Logic 1 – Simple Statements 2 – Conditionals 3 – Negating Conditionals 4 – Fallacies UNIT TEST I	A. Undefined Terms 1 – In Algebra 2 – In Geometry B. Defined Terms 1 – Good Definitions 2 – About Points 3 – About Lines 4 – About Rays 5 – About Line Segments 6 – About Angles as Sets of Points 7 – About Measurement of Angles 8 – About Pairs of Angles 9 – About Circles C. 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