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Topics	Beginner Problem Solvers 1	Novice Problem Solvers 2 / Level 1	Intermediate Problem Solvers 3 / Level 2	Advanced Problem Solvers 4 / Level 3	Academy / Summer Program
Algebra	• Math Leads for Mathletes 2 • 105 Algebra Problems*	• 105 Algebra Problems*	• 108 Algebra Problems** • 109 Inequalities* • 111 Problems in Algebra & Number Theory • 114 Exponent and Logarithm Problems* • 117 Polynomial Problems*	• 114 Exponent and Logarithm Problems* • 116 Algebraic Inequalities** • Topics in Functional Equations • 117 Polynomial Problems*	• Topics in Functional Equations
Geometry/ Trigonometry	• Math Leads for Mathletes 2	• 106 Geometry Problems *	• 107 Geometry Problems**	• 110 Geometry Problems for the IMO • 113 Geometric Inequalities* • 115 Trigonometry Problems* • Lemmas in Olympiad Geometry • Geometry of Remarkable Elements	• 110 Geometry Problems for the IMO • 113 Geometric Inequalities* • 115 Trigonometry Problems* • Lemmas in Olympiad Geometry • Geometry of Remarkable Elements • Topics in Geometric Inequalities
Number Theory	• Math Leads for Mathletes 2	• 111 Problems in Algebra & Number Theory	• 111 Problems in Algebra & Number Theory	• Number Theory: Concepts and Problems	• Number Theory: Concepts and Problems
Combinatorics	• Math Leads for Mathletes 1 • Math Leads for Mathletes 2		• 112 Combinatorial Problems*	• 112 Combinatorial Problems*	
Mixed Topics	• Purple Comet Math Meet	• Balkan Math Olympiads • Cuban Math Olympiads	• Sums & Products • Pristine Landscapes • Mathematical Reflections Series	• Sums & Products • Mathematical Induction • Problems from the Book • Straight from the Book • Pristine Landscapes • Mathematical Reflections Series	• Mathematical Reflections Series • Problems from the Book • Straight from the Book

Beginners	MATHCOUNTS to High AMC8 and Low AMC10	AMC 10/12 to AIME	High AMC 12 to Mid AIME	High AIME to USA(J)MO	IMO and Putnam

* From the AwesomeMath Summer Program
** From the AwesomeMath Year-Round Program

XYZ Press Book Guide: Find the resource for your level to reach new heights in competitions and beyond!