## **PROBLEM INDEX**

It is difficult to categorize many of the problems in the MATHCOUNTS School Handbook. It is very common for a MATHCOUNTS problem to straddle multiple categories and hit on multiple concepts. This list is intended to be a helpful resource, but it is in no way complete. Each problem has been placed in exactly one category.

Algebraic	Measurement	Plane	Logic	Pattern
Expressions	WU 7-1	Geometry	WU 9-7	Recognition
& Equations	WU 8-7	WU 7-3	WU 10-10	WU 7-7
WU 8-5	WO 4-1	WU 8-8	WU 13-1	WO 7-1
WU 8-9	WO 4-8	WU 8-10	WU 16-3	WO 8-5
WO 4-3	WU 9-2	WO 4-9	WO 8-7	WO 9-4
WU 9-10	WU 10-3	WU 9-4	WU 17-9	*Stretch
WU 10-1	WO 5-8	WU 10-7	WU 18-10	
WU 10-4	WU 12-2	WO 5-2	WO 9-3	Proportional
WO 5-1	WU 12-3	WU 11-1	WO 9-9	Reasoning
WO 5-5	WO 6-4	WU 11-5		Nul 7 6
WO 5-9	WU 13-7	WU 12-4	Probability	WU 7-5
WU 11-7	WO 7-2	WU 12-5	Counting &	WU 7-9
WU 12-6		WU 12-10	Combinatorics	WU 8-6
WU 12-7	Number	WO 6-5		WO 4-7
WO 6-1	Theory	WO 6-9	WU 7-4	WU 9-5
WO 6-2		WU 13-2	WU 8-1	WU 11-10
WO 6-10	WU 7-6	WU 13-3	WU 9-1	
WU 13-5	WU 8-3	WU 13-6	WU 11-3	Problem
WU 14-2	WO 4-2	WU 14-6	WU 11-6	Solving
WU 14-3	WO 4-5	WU 14-8	WO 6-7	(Misc.)
WO 7-10	WU 9-3	WO 7-6	WU 13-8	
WU 15-3	WU 10-9	WU 15-8	WU 13-10	WO 4.6
WU 15-5	WU 11-2	WU 16-1	WU 14-9	WU 4-0
WU 15-6	WU 14-1	WU 16-4	WU 15-4	WO 10-5
WU 16-6	WO 7-8	WU 16-5	WU 15-9	WO 5-7
WU 16-8	WU 15-2	WU 16-7	WU 15-10	WU 6-8
WO 8-1	WU 16-2	WU 16-10	WU 17-1	WU 14-4
WO 8-3	WO 8-6	WO 8-2	WU 17-5	WU 14-10
WO 8-4	WO 8-8	WU 17-2		
WU 17-3	WO 8-9	WU 17-4	Percents/	General
WU 17-8	WU 17-6	WU 17-7	Fraction	Math
WU 17-10	WU 18-4	WU 18-1	WU 8-4	WU 7-10
WU 18-3	WU 18-7	WU 18-2	WO 4-4	WO 5-6
WU 18-6	WU 18-8	WU 18-5	WO 4-10	WO 6-3
WO 9-2	WO 9-5	WO 9-1	WU 9-8	WO 7-3
	WO 9-10	WO 9-7	WU 10-6	WU 15-7
Sequences	*Stretch		WO 5-3	
& Series		Coordinate	WO 5-4	Statistics
	Solid	Geometry	WO 5-10	otatistics
WU 9-9	Geometry		WU 11-8	WU 7-2
WU 10-8	WU 10-2	$W \cup 8-2$	WU 12-1	WU 9-6
WU 18-9	WU 11-4	WU 13-4	WU 12-9	WU 11-9
	WO 7-5	WU 14-5	WU 13-9	WU 12-8
	WO 7-7	WU 14-/	WO 7-4	WU 6-6
	WO 7-9	WU 10-9	WU 15-1	
	WO 9-6	WU 9-8	WO 8-10	

\*The Number Theory Stretch and Patterns Stretch have 20 more problems that also include geometry, algebra and measurement concepts.