

**ALASKA STANDARDS BASED ASSESSMENT
MATHEMATICS TEST BLUEPRINT**

Grade	Strand	Area of Emphasis	Assessable GRADE LEVEL EXPECTATION 2005–2006	Assessable GRADE LEVEL EXPECTATION Beginning 2007	Mathematics Distribution of Emphasis
9	M 1.4 Numeration	Understanding Numbers	1	1	12 - 16%
			2	2	
		Understanding Meaning of Operations	3	3	
			4	4	
		Number Theory	5	5	
	M 2.4 Measurement	Measurable Attributes	1	1	12 - 16%
		Measurement Techniques	2	2	
	M 3.4 Estimation & Computation	Estimation	1	1	12 - 16%
		Computation	2	2	
			3	3	
			4	4	
	M 4.4 Functions & Relationships	Describing Patterns and Functions	1	1	22 - 26%
			2	2	
			3	3	
		Modeling and Solving Equations and Inequalities	5	5	
			6	6	
			7	7	
	M 5.4 Geometry	Geometric Relationships	1	1	16 - 20%
		Transformation of Shapes	2	2	
		Perimeter, Area, Volume, and Surface Area	4	4	
		Position and Direction	5	5	
Construction		NA	NA		
M 6.4 Statistics/ Probability	Data Display	1	1	18 - 22%	
	Analysis and Central Tendency	2	2		
		3	3		
		4	4		
Probability	5	5			
	6	6			
NA = Not applicable in state assessment; locally assessed					