

**ALASKA STANDARDS BASED ASSESSMENT  
MATHEMATICS TEST BLUEPRINT**

Grade	Strand		Area of Emphasis	Assessable GRADE LEVEL EXPECTATION Beginning 2006	Mathematics Distribution of Emphasis	
<b>10</b>	<b>M 1.4 Numeration M 3.4 Estimation &amp; Computation</b>	Numeration	Understanding Numbers	1 2 3	23-27%	
			Understanding Meaning of Operations	4 5		
			Number Theory	7 8		
		Estimation & Computation	Estimation	NA		
			Computation	2 3		
	<b>M 2.4 Measurement M 5.4 Geometry</b>	Measurement	Measurable Attributes	1	23-27%	
			Measurement Techniques	NA		
		Geometry	Geometric Relationships	1		
			Transformation of Shapes	3 4		
			Perimeter, Area, Volume, and Surface Area	5		
			Position and Direction	6 7		
			Construction	NA		
	<b>M 4.4 Functions &amp; Relationships</b>	Functions & Relationships	Describing Patterns and Functions	1 2 3	23-27%	
			Modeling and Solving Equations and Inequalities	5 6 7		
		Statistics & Probability	Data Display	1		23-27%
			Analysis and Central Tendency	2 3 4		
	<b>M 6.4 Statistics/ Probability</b>	Statistics & Probability	Probability	5 6		
	NA = Not applicable in state assessment; locally assessed					