

Oklahoma School Testing Program
Grade 8 Mathematics – Test Blueprint
School Years 2014-2015, 2015-2016, 2016-2017

The blueprint describes the content and structure of an assessment and defines the ideal number of test items by standard and objective of the Priority Academic Student Skills/ Oklahoma Academic Student Skills (PASS/OAS).

Standards and Objectives	Ideal Number of Items	Ideal Percentage of Items
1.0 Algebraic Reasoning: Patterns and Relationships	16	32%
1.1 Equations	10 - 12	
1.2 Inequalities	4 - 6	
2.0 Number Sense and Operation	11	22%
2.1 Number Sense	3 - 4	
2.2 Number Operations	7 - 8	
3.0 Geometry	9	18%
3.1 Three Dimensional Figures	5	
3.2 Pythagorean Theorem	4	
4.0 Measurement	7	14%
4.1 Surface Area and Volume	3	
4.2 Ratio and Proportions	2	
4.3 Composite Figures	2	
5.0 Data Analysis	7	14%
5.1 Data Analysis	3	
5.3 Central Tendency	4	
Total Test	50	100%

(Please note this blueprint does not include items that may be field-tested.)

- A minimum of 6 items is required to report a standard, and a minimum of 4 items is required to report results for an objective.