OHIO Grade 7 Mathematics Achievement Test Blueprint				
	Item Type			
Standard	**Multiple Choice**	**Short Answer**	**Extended Response**	**Points**
Number, Number Sense and Operations	6 – 10	0 – 2	0 – 1	10 – 12
Measurement	5 – 8	0 – 2	0 – 1	9 – 10*
Geometry and Spatial Sense	6 – 9	0 – 2	0 – 1	10 – 11*
Patterns, Functions and Algebra	6 – 9	0 – 2	0 – 1	10 – 11**
Data Analysis and Probability	5 – 8	0 – 2	0 – 1	9 – 10**
Number of Scored Items	32	5	2	--
Total Numbers	39 items			50 points

* The combined number of points for these two standards on any test form will not exceed 20 points.
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Item Distribution

Items are distributed among three item formats on each form of the test according to the following guidelines:

- Each of the five standards is assessed by multiple-choice items and at least one constructed-response item on every form of the test.
- The number of points from constructed-response items will be no greater than 50% of the total points for the standard.

Level of Complexity	Characteristics	% of Points
Low	Requires recall of facts and definitions or performing routine, specified procedures.	25 - 35%
Moderate	Requires some interpretation or multi-step problem solutions.	40 - 50%
High	Requires analysis of or justifying reasoning and solution for more complicated problem situations.	15 - 25%

Students will be permitted access to scientific calculators during test administration.

Source:Office of Assessment, and Office of Curriculum and Instruction Mathematics Team, Ohio Department of Education May 19, 2004