

# Fourth Grade State Achievement Tests

## Item Distribution Across Standards

### MATH

Points assigned to each standard and benchmark

STANDARD/Benchmarks		Practice Test		March 2006		May 2007
<b>NUMBER/NUMBER SENSE</b>		<b>9</b>		<b>16</b>		<b>15</b>
Place Value	A	1	L	2		1
Recognize/Generate #'s, Fractions, Decimals	B	0		2 s		2
Represent Fractions/Mixed Numbers	C	0		0		1
Compare/Describe/Order Fractions	D	2 S	M	1		1
Prime/Composite #'s	E	2 S		1		1
Money-Coins and Bills	F	1	L	3 s		1
Commutative/Associative Properties (+, X)	G	0		0		0
Relationships Between Operations	H	0		0		0
Multiplication and Division Facts	I	0		1		1
Estimate Results of Whole # Computations	J	0		1		1
Multi-step Problems	K	1	M	4 E		4 S
Methods and Tools to Compute with Whole #'s	L	1	L	0		1
Add/subtract fractions w/like denominators..	M	1	L	1		1
<b>MEASUREMENT</b>		<b>4</b>		<b>8</b>		<b>9</b>
Select Units for Measuring	A	1	L	2		3
Units/Size of Units	B	2 S	M	1		1
Common Referents	C	0		1		1
Tools for Measuring	D	1	M	4 s		4 E
Time-Nearest Minute	E	0		0		0

"S" indicates that a 2 point short answer is included in this point total.  
 "E" indicates that a 4 point extended response is included in this point total.  
 "L", "M", "H" denotes complexity level.

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STANDARD/Benchmarks		Practice Test		March 2006		May 2007
<b>PATTERNS/FUNCTIONS/ALGEBRA</b>		<b>5</b>		<b>9</b>		<b>9</b>
Analyze/Extend Patterns/Rules	A	1	L	3 s		5 E
Use Patterns to Make Predictions	B	1	M	2		1
Write/Solve Open Sentences	C	0		0		0
Represent Unknown as a Variable	D	2 S	M	1		1
Use Variables	E	0		2		0
Construct and use table of values	F	0		0		1
Describe how change in one variable affects value of related variable.	G	1	M	1		1
<b>GEOMETRY/SPATIAL SENSE</b>		<b>4</b>		<b>9</b>		<b>9</b>
2-3 Dimensional Figures	A	0		2 S		2
Points/Lines/Planes	B	0		2		0
Kinds of Lines/Segments	C	1		0		1
Angles	D	0		0		2 S
Plane and Solid Figures	E	1		1		1
Definitions of Classes/Shapes	F	0		2 S		0
Coordinates	G	2 S		1		1
Symmetry in 2-Dimensional Shapes	H	0		0		0
Reflections/rotations/translations	I	1		1		0
Series or rotations	J	0		0		2 S
<b>DATA ANALYSIS/PROBABILITY</b>		<b>6</b>		<b>10</b>		<b>10</b>
Gather and Organize Data	A	0		1		1
Read/Interpret Tables, Charts, Graphs	B	0		0		1
Construct Tables, Charts, Graphs	C	5 E	MM	0		1
Graph Construction with Icon Representation	D	0		1		1
Mode	E	0		5 E		1
Conduct Probability Experiments	F	0		1		2 S
Identify Outcomes/Combinations	G	1	M	1		2 S
Possible outcomes to predict events	H	1		1		0
<b>TOTAL</b>		<b>28</b>		<b>52</b>		<b>52</b>

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