

Fourth Grade State Achievement Tests

Item Distribution Across Standards

MATH

Points assigned to each standard and benchmark

STANDARD/Benchmarks		Practice Test		March 2006
NUMBER/NUMBER SENSE		9		16
Place Value	A	1	L	2
Recognize/Generate #'s, Fractions, Decimals	B	0		2 s
Represent Fractions/Mixed Numbers	C	0		0
Compare/Describe/Order Fractions	D	2 S	M	1
Prime/Composite #'s	E	2 S		1
Money-Coins and Bills	F	1	L	3 s
Commutative/Associative Properties (+, X)	G	0		0
Relationships Between Operations	H	0		0
Multiplication and Division Facts	I	0		1
Estimate Results of Whole # Computations	J	0		1
Multi-step Problems	K	1	M	4 E
Methods and Tools to Compute with Whole #'s	L	1	L	0
Add/subtract fractions w/like denominators..	M	1	L	1
MEASUREMENT		4		8
Select Units for Measuring	A	1	L	2
Units/Size of Units	B	2 S	M	1
Common Referents	C	0		1
Tools for Measuring	D	1	M	4 s
Time-Nearest Minute	E	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
PATTERNS/FUNCTIONS/ALGEBRA		5		9
Analyze/Extend Patterns/Rules	A	1	L	3 s
Use Patterns to Make Predictions	B	1	M	2
Write/Solve Open Sentences	C	0		0
Represent Unknown as a Variable	D	2 S	M	1
Use Variables	E	0		2
Construct and use table of values	F	0		0
Describe how change in one variable affects value of related variable.	G	1	M	1
GEOMETRY/SPATIAL SENSE		4		9
2-3 Dimensional Figures	A	0		2 S
Points/Lines/Planes	B	0		2
Kinds of Lines/Segments	C	1		0
Angles	D	0		0
Plane and Solid Figures	E	1		1
Definitions of Classes/Shapes	F	0		2 S
Coordinates	G	2 S		1
Symmetry in 2-Dimensional Shapes	H	0		0
Reflections/rotations/translations	I	1		1
Series or rotations	J	0		0
DATA ANALYSIS/PROBABILITY		6		10
Gather and Organize Data	A	0		1
Read/Interpret Tables, Charts, Graphs	B	0		0
Construct Tables, Charts, Graphs	C	5 E	MM	0
Graph Construction with Icon Representation	D	0		1
Mode	E	0		5 E
Conduct Probability Experiments	F	0		1
Identify Outcomes/Combinations	G	1	M	1
Possible outcomes to predict events	H	1		1
TOTAL		28		52

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