

Fifth Grade State Achievement Tests Item Distribution Across Standards

MATH

Points assigned to each standard and benchmark

STANDARD/Benchmarks		Practice Test		March 2006		May 2007
NUMBER/NUMBER SENSE		7		14		14
Represent /Compare Numbers	A	1	L	1		1
Compare/Order Fractions, Decimals, Percents	B	1	M	3 S		3
Percents	C	0		0		0
Ratio, Proportion, Percent	D	0		1		2
Order of Operations	E	1	L	1		0
Number System Properties	F	0		1		0
Prime Factorizations, Common Factors/Multiplies	G	0		0		0
Standard/Nonstandard Algorithms	H	0		4 E		2 S
Problem Solving Strategies	I	4 E	H	3		6 S
MEASUREMENT		5		9		10
Metric/US Units of Measure	A	0		1		3
Convert Units of Measurement	B	3 S	ML	3 S		1
Tools for Measuring	C	2	LM	1		5 E
Select and Measure Tools	D	0		0		0
Problem Solving with Units of Measurement	E	0		2		0
Changes in Area, Perimeter, Volume	F	0		0		0
2D-3D Area, Perimeter, Volume	G	0		2 S		1
PATTERNS/FUNCTIONS/ALGEBRA		6		9		10
Describe Rules for Patterns/Relationships	A	1	LM	1		0
Analyze Patterns/Functions with Tables, etc.	B	0		0		2
Use Variables to Create and Solve Equations	C	3 S	MM	2		2 S
Symbolic Algebra	D	0		0		1
Rules & Variables to Describe Patterns/Functions	E	1	H	5 E		2
Representations to Solve Linear Relationships	F	1	M	1		0
Algebraic Expressions	G	0		0		0
Solve Linear Equations & Inequalities	H	0		0		0
Inverse Operations	I	0		0		0
Use Formulas in Problem Solving	J	0		0		0
Graph Linear Equations & Inequalities	K	0		0		1
Analyze Functions/Relationships	L	0		0		2 S
Rates of Change	M	0		0		1

"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.

Prepared by Testing
August 2007

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GEOMETRY/SPATIAL SENSE		4		10		9
Identify, Label Angle Parts, etc.	A	0		3 S		1
Radius, Diameter, Center, Circumference	B	1	L	2		1
Plot Ordered Pairs/Coordinate Plane	C	1	L	1		1
Identify Line Pairs, Angles, 2D/3D Figures	D	0		1		1
Proportions of Similar Figures	E	0		0		0
Congruence, Symmetry	F	0		0		0
Properties of Triangles	G	1	M	1		2 S
Transformations of 2D Figures	H	0		0		0
Identify and Draw 3D Objects	I	1	L	2		0
Equality and Proportionality to Solve Problems	J	0		0		3 S
DATA ANALYSIS/PROBABILITY		5		10		9
Recreate Tables, Graphs	A	0		2 S		4
Interpret Data	B	0		0		0
Evaluate Conclusions about Data	C	0		0		0
Compare Data	D	1	L	0		1
Collect, Organize, Interpret Data	E	0		1		1
Range, Mean, Median, Mode	F	2 S	M	3		0
Evaluate Conjectures & Predictions in Graphics	G	0		0		0
Find Outcomes of Experiments/Problems	H	1	L	2 S		0
Probability, Ratios, Fractional Notation	I	0		1		1
Compare Experimental Results	J	1	M	1		1
Predictions Based on Probabilities	K	0		0		1
TOTAL		27		52		52

*Released Items only

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