

**2008 Mathematics Tests Standard and Performance Indicator Map with Answer Key
Grade 3**

Question	Type	Points	Strand	Content Performance Indicator	Answer Key
Book 1					
1	Multiple Choice	1	Number Sense and Operations	3.N02 Read and write whole numbers to 1,000	B
2	Multiple Choice	1	Measurement	3.M02 Use a ruler/yardstick to measure to the nearest standard unit (whole and 1/2 inches, whole feet, and whole yards)	C
3	Multiple Choice	1	Measurement	3.M07 Count and represent combined coins and dollars, using currency symbols (\$0.00)	A
4	Multiple Choice	1	Number Sense and Operations	3.N06 Use and explain the commutative property of addition and multiplication	B
5	Multiple Choice	1	Number Sense and Operations	3.N18 Use a variety of strategies to add and subtract 3-digit numbers (with and without regrouping)	C
6	Multiple Choice	1	Number Sense and Operations	3.N16 Identify odd and even numbers	B
7	Multiple Choice	1	Geometry	3.G05 Identify and construct lines of symmetry	B
8	Multiple Choice	1	Measurement	3.M07 Count and represent combined coins and dollars, using currency symbols (\$0.00)	C
9	Multiple Choice	1	Number Sense and Operations	3.N06 Use and explain the commutative property of addition and multiplication	A
10	Multiple Choice	1	Algebra	3.A02 Describe and extend numeric (+, -) and geometric patterns	A
11	Multiple Choice	1	Number Sense and Operations	3.N19 Develop fluency with single-digit multiplication facts	C
12	Multiple Choice	1	Number Sense and Operations	3.N03 Compare and order numbers to 1,000	C
13	Multiple Choice	1	Number Sense and Operations	3.N21 Use the area model, tables, patterns, arrays, and doubling to provide meaning for multiplication	B
14	Multiple Choice	1	Number Sense and Operations	3.N13 Recognize fractional numbers as equal parts of a whole	D
15	Multiple Choice	1	Number Sense and Operations	3.N10 Develop an understanding of fractions as part of a whole unit and as parts of a collection	D
16	Multiple Choice	1	Measurement	3.M01 Select tools and units (customary) appropriate for the length measured	A
17	Multiple Choice	1	Geometry	3.G01 Define and use correct terminology when referring to shapes (circle, triangle, square, rectangle, rhombus, trapezoid, and hexagon)	D
18	Multiple Choice	1	Number Sense and Operations	3.N07 Use 1 as the identity element for multiplication	B

**2008 Mathematics Tests Standard and Performance Indicator Map with Answer Key
Grade 3 (continued)**

Question	Type	Points	Strand	Content Performance Indicator	Answer Key
Book 1 (continued)					
19	Multiple Choice	1	Algebra	3.A01 Use the symbols $<$, $>$, and $=$ (with and without the use of a number line) to compare whole numbers and unit fractions ($1/2, 1/3, 1/4, 1/5, 1/6$, and $1/10$)	C
20	Multiple Choice	1	Number Sense and Operations	3.N10 Develop an understanding of fractions as part of a whole unit and as parts of a collection	B
21	Multiple Choice	1	Geometry	3.G04 Identify the faces on a three-dimensional shape as two-dimensional shapes	C
22	Multiple Choice	1	Measurement	3.M09 Tell time to the minute, using digital and analog clocks	B
23	Multiple Choice	1	Algebra	3.A02 Describe and extend numeric (+, -) and geometric patterns	C
24	Multiple Choice	1	Algebra	3.A01 Use the symbols $<$, $>$, and $=$ (with and without the use of a number line) to compare whole numbers and unit fractions ($1/2, 1/3, 1/4, 1/5, 1/6$, and $1/10$)	D
25	Multiple Choice	1	Statistics and Probability	3.S07 Read and interpret data in bar graphs and pictographs	D
Book 2					
26	Short Response	2	Number Sense and Operations	3.N18 Use a variety of strategies to add and subtract 3-digit numbers (with and without regrouping)	n/a
27	Short Response	2	Geometry	3.G01 Define and use correct terminology when referring to shapes (circle, triangle, square, rectangle, rhombus, trapezoid, and hexagon)	n/a
28	Short Response	2	Number Sense and Operations	3.N18 Use a variety of strategies to add and subtract 3-digit numbers (with and without regrouping)	n/a
29	Short Response	2	Statistics and Probability	3.S07 Read and interpret data in bar graphs and pictographs	n/a
30	Extended Response	3	Algebra	3.A02 Describe and extend numeric (+, -) and geometric patterns	n/a
31	Extended Response	3	Statistics and Probability	3.S05 Display data in pictographs and bar graphs	n/a