

Fifth Grade Scoring Booklet

Name: _____ Student ID: _____

Teacher: _____ School: _____ School Year: _____

	Benchmark 1	Benchmark 2	Benchmark 3
Date			
Computation Form A			
Computation Form B			
Computation Average (Form A + Form B)/2			
Concepts and Applications			

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Computation / Benchmark 1

Problems	Skills Assessed
1	Add two four-digit numbers, with renaming.
9	Subtract a three-digit number from a four-digit number, with renaming.
8	Add or subtract two fractions with common denominators. Denominators must be 2, 3, 4, 5, or 10.
7	Add or subtract two mixed numbers with common denominators. Denominators must be 2, 3, 4, 5, or 10.
6	Divide a three-digit dividend by a one-digit divisor, where the divisor evenly goes into the first one or two digits of the dividend, resulting in a quotient and a remainder.
10	Multiply a one-digit number by a three-digit number, with renaming.
2, 14	Multiply a two-digit number by a three-digit number, without renaming.
4, 16	Multiply a two-digit number by a three-digit number.
11	Divide a three-digit dividend by a two-digit divisor, resulting in a quotient and no remainder.
13	Divide a four-digit dividend by a two-digit divisor, where the divisor goes evenly into the first two or three digits of the dividend, resulting in a quotient and no remainder.
5	Divide a four-digit dividend by a two-digit divisor, where the divisor does not go evenly into the first two or three digits of the dividend, resulting in a quotient and no remainder.
12	Add or subtract two fractions with unlike denominators.
3, 15	Add or subtract two mixed numbers with unlike denominators.

Concepts and Applications / Benchmark 3

Problems	Skills Assessed
1, 6	Understand the place value system: 1. Compare decimals to the thousandths place. 6. Round decimals to the nearest tenth, hundredth, and thousandth.
2, 7	Graph points on the coordinate plane to solve real-world and mathematical problems: 2. Plot and label ordered pairs. 7. Determine an ordered pair by graphing points on a coordinate plane to solve real-world and mathematical problems.
3, 12, 15	Write and interpret numerical expressions: 3. Interpret and solve numerical expressions. 12. Determine the order of operations of a given numerical expression. 15. Write numerical expressions when given written directions.
4	Convert like measurement units within a given measurement system: Using a provided conversion rate, convert measurement units and solve a multi-step addition problem.
5	Use equivalent fractions as a strategy to add and subtract fractions: Solve problems involving the addition of fractions with unlike denominators.
8A, 8B	Analyze patterns and relationships: 8A. Complete a ratio table. 8B. Plot the points on a coordinate plane and make a line graph that represents the data.
9, 13	Understand concepts of volume and relate volume to multiplication: Determine the volume of an object.
10, 16	Apply and extend previous understandings of multiplication and division to multiply and divide fractions: 10. Multiply two fractions with unlike denominators. 16. Divide a fraction by a whole number.
11, 14	Perform operations with multi-digit whole numbers and with decimals to hundredths: 11. Solve a two-step problem that deals with addition and subtraction of money. 14. Solve a one-step problem that results in a decimal.

Computation / Benchmark 3

Problems	Skills Assessed
1	Add two four-digit numbers, with renaming.
9	Subtract a three-digit number from a four-digit number, with renaming.
8	Add or subtract two fractions with common denominators. Denominators must be 2, 3, 4, 5, or 10.
7	Add or subtract two mixed numbers with common denominators. Denominators must be 2, 3, 4, 5, or 10.
6	Divide a three-digit dividend by a one-digit divisor, where the divisor evenly goes into the first one or two digits of the dividend, resulting in a quotient and a remainder.
10	Multiply a one-digit number by a three-digit number, with renaming.
2, 14	Multiply a two-digit number by a three-digit number, without renaming.
4, 16	Multiply a two-digit number by a three-digit number.
11	Divide a three-digit dividend by a two-digit divisor, resulting in a quotient and no remainder.
13	Divide a four-digit dividend by a two-digit divisor, where the divisor goes evenly into the first two or three digits of the dividend, resulting in a quotient and no remainder.
5	Divide a four-digit dividend by a two-digit divisor, where the divisor does not go evenly into the first two or three digits of the dividend, resulting in a quotient and no remainder.
12	Add or subtract two fractions with unlike denominators.
3, 15	Add or subtract two mixed numbers with unlike denominators.

Concepts and Applications / Benchmark 1

Problems	Skills Assessed
1, 6	Understand the place value system: 1. Compare decimals to the thousandth place. 6. Round decimals to the nearest tenth, hundredth, and thousandth.
2, 7	Graph points on the coordinate plane to solve real-world and mathematical problems: 2. Plot and label ordered pairs. 7. Determine an ordered pair by graphing points on a coordinate plane to solve real-world and mathematical problems.
3, 12, 15	Write and interpret numerical expressions: 3. Interpret and solve numerical expressions. 12. Determine the order of operations of a given numerical expression. 15. Write numerical expressions when given written directions.
4	Convert like measurement units within a given measurement system: Using a provided conversion rate, convert measurement units and solve a multi-step addition problem.
5	Use equivalent fractions as a strategy to add and subtract fractions: Solve problems involving the addition of fractions with unlike denominators.
8A, 8B	Analyze patterns and relationships: 8A. Complete a ratio table. 8B. Plot the points on a coordinate plane and make a line graph that represents the data.
9, 13	Understand concepts of volume and relate volume to multiplication: Determine the volume of an object.
10, 16	Apply and extend previous understandings of multiplication and division to multiply and divide fractions: 10. Multiply two fractions with unlike denominators. 16. Divide a fraction by a whole number.
11, 14	Perform operations with multi-digit whole numbers and with decimals to hundredths: 11. Solve a two-step problem that deals with addition and subtraction of money. 14. Solve a one-step problem that results in a decimal.

Computation / Benchmark 2

Problems	Skills Assessed
1	Add two four-digit numbers, with renaming.
9	Subtract a three-digit number from a four-digit number, with renaming.
8	Add or subtract two fractions with common denominators. Denominators must be 2, 3, 4, 5, or 10.
7	Add or subtract two mixed numbers with common denominators. Denominators must be 2, 3, 4, 5, or 10.
6	Divide a three-digit dividend by a one-digit divisor, where the divisor evenly goes into the first one or two digits of the dividend, resulting in a quotient and a remainder.
10	Multiply a one-digit number by a three-digit number, with renaming.
2, 14	Multiply a two-digit number by a three-digit number, without renaming.
4, 16	Multiply a two-digit number by a three-digit number.
11	Divide a three-digit dividend by a two-digit divisor, resulting in a quotient and no remainder.
13	Divide a four-digit dividend by a two-digit divisor, where the divisor goes evenly into the first two or three digits of the dividend, resulting in a quotient and no remainder.
5	Divide a four-digit dividend by a two-digit divisor, where the divisor does not go evenly into the first two or three digits of the dividend, resulting in a quotient and no remainder.
12	Add or subtract two fractions with unlike denominators.
3, 15	Add or subtract two mixed numbers with unlike denominators.

Concepts and Applications / Benchmark 2

Problems	Skills Assessed
1, 6	Understand the place value system: 1. Compare decimals to the thousandths place. 6. Round decimals to the nearest tenth, hundredth, and thousandth.
2, 7	Graph points on the coordinate plane to solve real-world and mathematical problems: 2. Plot and label ordered pairs. 7. Determine an ordered pair by graphing points on a coordinate plane to solve real-world and mathematical problems.
3, 12, 15	Write and interpret numerical expressions: 3. Interpret and solve numerical expressions. 12. Determine the order of operations of a given numerical expression. 15. Write numerical expressions when given written directions.
4	Convert like measurement units within a given measurement system: Using a provided conversion rate, convert measurement units and solve a multi-step addition problem.
5	Use equivalent fractions as a strategy to add and subtract fractions: Solve problems involving the addition of fractions with unlike denominators.
8A, 8B	Analyze patterns and relationships: 8A. Complete a ratio table. 8B. Plot the points on a coordinate plane and make a line graph that represents the data.
9, 13	Understand concepts of volume and relate volume to multiplication: Determine the volume of an object.
10, 16	Apply and extend previous understandings of multiplication and division to multiply and divide fractions: 10. Multiply two fractions with unlike denominators. 16. Divide a fraction by a whole number.
11, 14	Perform operations with multi-digit whole numbers and with decimals to hundredths: 11. Solve a two-step problem that deals with addition and subtraction of money. 14. Solve a one-step problem that results in a decimal.