

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 from ones to tens, tens to hundreds, and hundreds to thousands. |
| 9 | Subtract a three-digit number from a four-digit number, with renaming from tens to ones, hundreds to tens, and thousands to hundreds. |
| 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 from ones to tens and tens to hundreds. |
| 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, without a remainder. |
| 13 | Divide a four-digit dividend by a two-digit divisor, where the divisor evenly goes into the first two or three digits of the dividend, resulting in a two-digit quotient and no remainder. |
| 5 | Divide a four-digit dividend by a two-digit divisor, where the divisor does not evenly go into the first two or three digits of the dividend, resulting in a two-digit 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 thousandth place. 6. Round decimals to the nearest tenth, hundredth, and thousandth place. |
| 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. |
| 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 from ones to tens, tens to hundreds, and hundreds to thousands. |
| 9 | Subtract a three-digit number from a four-digit number, with renaming from tens to ones, hundreds to tens, and thousands to hundreds. |
| 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 from ones to tens and tens to hundreds. |
| 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, without a remainder. |
| 13 | Divide a four-digit dividend by a two-digit divisor, where the divisor evenly goes into the first two or three digits of the dividend, resulting in a two-digit quotient and no remainder. |
| 5 | Divide a four-digit dividend by a two-digit divisor, where the divisor does not evenly go into the first two or three digits of the dividend, resulting in a two-digit 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 place. |
| 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. |
| 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 from ones to tens, tens to hundreds, and hundreds to thousands. |
| 9 | Subtract a three-digit number from a four-digit number, with renaming from tens to ones, hundreds to tens, and thousands to hundreds. |
| 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 from ones to tens and tens to hundreds. |
| 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, without a remainder. |
| 13 | Divide a four-digit dividend by a two-digit divisor, where the divisor evenly goes into the first two or three digits of the dividend, resulting in a two-digit quotient and no remainder. |
| 5 | Divide a four-digit dividend by a two-digit divisor, where the divisor does not evenly go into the first two or three digits of the dividend, resulting in a two-digit 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 thousandth place. 6. Round decimals to the nearest tenth, hundredth, and thousandth place. |
| 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. |
| 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. |