

Teach4Mastery's Correlations for Peceptions Blue

Multiplication, Division, & Fractions

Unit 4

Virginia Standards of Learning

Grade: **K** - Adopted: **2009**

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| | | Unit 4 | | | | | | |
|---------------|---|--------|----|----|----|----|----|----|
| VA.K. | Number and Number Sense | | | | | | | |
| K.4. | The student will | | | | | | | |
| K.4.c) | count by fives and tens to 100. | 21 | 22 | 23 | | | | |
| | Focus: Whole Number Concepts | | | | | | | |
| K.5. | The student will identify the parts of a set and/or region that represent fractions for halves and fourths. | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| VA.K. | Measurement | | | | | | | |
| | Focus: Instruments and Attributes | | | | | | | |
| K.8. | The student will identify the instruments used to measure length (ruler), weight (scale), time (clock: digital and analog; calendar: day, month, and season), and temperature (thermometer). | | | | 24 | | | |

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Virginia Standards of Learning

Grade: **1** - Adopted: **2009**

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| | | Unit 4 | | | | | | |
|-------|--|--------|----|----|----|----|----|----|
| VA.1. | Number and Number Sense | | | | | | | |
| | Focus: Place Value and Fraction Concepts | | | | | | | |
| 1.2. | The student will count forward by ones, twos, fives, and tens to 100 and backward by ones from 30. | 21 | 22 | 23 | | | | |
| 1.3. | The student will identify the parts of a set and/or region that represent fractions for halves, thirds, and fourths and write the fractions. | 21 | 22 | 23 | 24 | 25 | 26 | 27 |

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Virginia Standards of Learning

Grade: **2** - Adopted: **2009**

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| | | Unit 4 | | | | | | |
|---------------|---|--------|----|----|----|----|----|----|
| VA.2. | Number and Number Sense | | | | | | | |
| | Focus: Place Value, Number Patterns, and Fraction Concepts | | | | | | | |
| 2.3. | The student will | | | | | | | |
| 2.3.a) | identify the parts of a set and/or region that represent fractions for halves, thirds, fourths, sixths, eighths, and tenths. | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 2.3.b) | write the fractions. | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 2.3.c) | compare the unit fractions for halves, thirds, fourths, sixths, eighths, and tenths. | | 22 | 23 | | | | |
| 2.4. | The student will | | | | | | | |
| 2.4.a) | count forward by twos, fives, and tens to 100, starting at various multiples of 2, 5, or 10. | 21 | 22 | 23 | | | | |

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Virginia Standards of Learning

Grade: **3** - Adopted: **2009**

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| | | Unit 4 | | | | | | |
|---------------|---|--------|----|----|----|----|----|----|
| VA.3. | Number and Number Sense | | | | | | | |
| | Focus: Place Value and Fractions | | | | | | | |
| 3.3. | The student will | | | | | | | |
| 3.3.a) | name and write fractions (including mixed numbers) represented by a model. | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 3.3.b) | model fractions (including mixed numbers) and write the fractions' names. | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 3.3.c) | compare fractions having like and unlike denominators, using words and symbols (>, | | 22 | 23 | | | | |
| VA.3. | Computation and Estimation | | | | | | | |
| | Focus: Computation and Fraction Operations | | | | | | | |
| 3.7. | The student will add and subtract proper fractions having like denominators of 12 or less. | | | | | 25 | 26 | 27 |

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Virginia Standards of Learning

Grade: **4** - Adopted: **2009**

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| | | Unit 4 | | | | | | |
|---------------|---|--------|----|----|----|----|----|----|
| VA.4. | Number and Number Sense | | | | | | | |
| | Focus: Place Value, Fractions, and Decimals | | | | | | | |
| 4.2. | The student will | | | | | | | |
| 4.2.a) | compare and order fractions and mixed numbers. | | 22 | 23 | | | | |
| 4.2.b) | represent equivalent fractions. | 21 | 22 | 23 | | 25 | 26 | |
| 4.2.c) | identify the division statement that represents a fraction. | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 4.5. | The student will | | | | | | | |
| 4.5.a) | determine common multiples and factors, including least common multiple and greatest common factor. | 21 | 22 | 23 | | | | |
| 4.5.b) | add and subtract fractions having like and unlike denominators that are limited to 2, 3, 4, 5, 6, 8, 10, and 12, and simplify the resulting fractions, using common multiples and factors. | 21 | 22 | 23 | | 25 | 26 | 27 |
| 4.5.d) | solve single-step and multistep practical problems involving addition and subtraction with fractions and with decimals. | 21 | 22 | 23 | 24 | 25 | 26 | 27 |

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Virginia Standards of Learning

Grade: 5 - Adopted: 2009

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| | | Unit 4 | | | | | | |
|---------------|--|--------|----|----|----|----|----|----|
| VA.5. | Number and Number Sense | | | | | | | |
| | Focus: Prime and Composite Numbers and Rounding Decimals | | | | | | | |
| 5.2. | The student will | | | | | | | |
| 5.2.b) | compare and order fractions and decimals in a given set from least to greatest and greatest to least. | | 22 | 23 | | | | |
| | Focus: Multistep Applications and Order of Operations | | | | | | | |
| 5.6. | The student will solve single-step and multistep practical problems involving addition and subtraction with fractions and mixed numbers and express answers in simplest form. | 21 | 22 | 23 | 24 | 25 | 26 | 27 |

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Virginia Standards of Learning

Grade: **6** - Adopted: **2009**

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| | | Unit 4 | | | | | | |
|---------------|---|--------|----|----|----|----|----|----|
| VA.6. | Number and Number Sense | | | | | | | |
| | Focus: Relationships among Fractions, Decimals, and Percents | | | | | | | |
| 6.2. | The student will | | | | | | | |
| 6.2.b) | identify a given fraction, decimal, or percent from a representation. | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 6.2.c) | demonstrate equivalent relationships among fractions, decimals, and percents. | 21 | 22 | 23 | | 25 | 26 | |
| 6.2.d) | compare and order fractions, decimals, and percents. | | 22 | 23 | | | | |
| VA.6. | Computation and Estimation | | | | | | | |
| | Focus: Applications of Operations with Rational Numbers | | | | | | | |
| 6.6. | The student will | | | | | | | |
| 6.6.b) | estimate solutions and then solve single-step and multistep practical problems involving addition, subtraction, multiplication, and division of fractions. | 21 | 22 | 23 | 24 | 25 | 26 | 27 |