

***SRA Mathematics Laboratory 2a***  
**correlation to**  
**Mississippi Curriculum Test (Mathematics)**  
**Grade 4**

**Patterns, Algebraic Thinking**

**9. Recognizes, describes, and extends a given pattern.**

**Basic Facts: Add & Subtract:** Cards 5, 6, 12, 13

**Add Whole Numbers:** Cards 31, 36

**Subtract Whole Numbers:** Cards 57, 66

**Basic Facts: Multiply & Divide:** Cards 111, 112

**Multiply Whole Numbers by 1 Digit:** Cards 113, 114, 115, 117

**Multiply Whole Numbers by 2 Digits:** Cards 140, 142, 145

**Divide Whole Numbers by 1 Digit:** Cards 162, 166

**Patterns & Numbers:** Cards 199, 200, 203, 204, 205, 206, 207

**Divide Whole Numbers by 2 Digits:** Cards 256, 259

**Patterns, Algebraic Thinking**

**10. Analyzes a given patterns and generates a similar pattern.**

**Basic Facts: Add & Subtract:** Cards 5, 6

**Add Whole Numbers:** Cards 31, 36

**Subtract Whole Numbers:** Cards 57, 66

**Multiply Whole Numbers by 1 Digit:** Cards 113, 114, 115, 117

**Divide Whole Numbers by 2 Digits:** Cards 162, 166

**Patterns & Numbers:** Cards 199, 200, 203, 204, 205, 206, 207

**Divide Whole Numbers by 2 Digits:** Cards 256, 259

<b>Patterns, Algebraic Thinking</b>
<b>27. Uses variables and open sentences to solve problems with the four basic operations.</b>
<b>Basic Facts: Add &amp; Subtract:</b> Cards 10, 12, 13
<b>Add Whole Numbers:</b> Cards 31, 36, 41, 43
<b>Subtract Whole Numbers:</b> Cards 57, 61, 66, 72, 73
<b>Basic Facts: Multiply &amp; Divide:</b> Cards 102, 111, 112
<b>Multiply Whole Numbers by 1 Digit:</b> Cards 117, 119, 122, 123
<b>Multiply Whole Numbers by 2 Digits:</b> Cards 142, 145
<b>Divide Whole Numbers by 1 Digit:</b> Cards 162, 166, 171, 173
<b>Patterns &amp; Numbers:</b> Cards 205, 206, 207
<b>Divide Whole Numbers by 2 Digits:</b> Cards 256, 258, 259

<b>Data Analysis, Prediction</b>
<b>11. Collects, organizes, and interprets data using bar graphs, circle graphs, line graphs, pictographs, charts, tables, and tally charts.</b>
<b>Add Whole Numbers:</b> Cards 31, 36
<b>Subtract Whole Numbers:</b> Cards 57, 66
<b>Multiply Whole Numbers by 1 Digit:</b> Cards 117, 119
<b>Multiply Whole Numbers by 2 Digits:</b> Cards 142, 145
<b>Geometry Basics:</b> Card 158
<b>Divide Whole Numbers by 1 Digit:</b> Cards 162, 166
<b>Data &amp; Graphs:</b> Cards 177, 178, 179, 180, 181, 182, 183, 184, 185
<b>Patterns &amp; Numbers:</b> Cards 205, 206, 207
<b>Divide Whole Numbers by 2 Digits:</b> Cards 256, 259

<b>Data Analysis, Prediction</b>
<b>12. Formulates and solves problems that involve data analysis and prediction.</b>
<b>Data &amp; Graphs:</b> Cards 177, 178, 179, 180, 181, 182, 183, 184, 185
<b>Probability:</b> Cards 281, 282, 283, 284, 285, 286, 287, 288
<b>Add &amp; Subtract Decimals:</b> Card 298

<b>Data Analysis, Prediction</b>
<b>13. Investigates the concepts of probability.</b>
<b>Probability:</b> Cards 281, 282, 283, 284, 285, 286, 287, 288

<b>Measurement</b>
<b>14. Measures a given object to the nearest fourth of an inch.</b>
<b>Linear Measurement:</b> Cards 85, 86, 87, 88, 89, 90

<b>Measurement</b>
<b>15. Selects, uses, compares, and converts within the appropriate standard (English and metric) system of measurement.</b>
<b>Time &amp; Money:</b> Cards 44, 46, 49, 51, 52, 53, 54
<b>Linear Measurement:</b> Cards 86, 87, 89, 90, 92, 93, 96, 97
<b>Weight, Capacity, &amp; Temperature:</b> Cards 226, 227, 228, 229, 231

<b>Measurement</b>
<b>16. Determines the perimeter and areas (grid areas) of appropriate standard and nonstandard geometric figures.</b>
<b>Perimeter &amp; Area:</b> Cards 186, 187, 188, 189, 190, 191, 192, 193, 194, 195

<b>Measurement</b>
<b>17. Identifies the attributes of length, weight, capacity, mass, volume, time, and temperature using English and metric units of measurement.</b>
<b>Time &amp; Money:</b> Cards 50, 51, 52, 53, 54
<b>Linear Measurement:</b> Cards 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97
<b>Weight, Capacity, &amp; Temperature:</b> Cards 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231

<b>Measurement</b>
<b>18. Calculates and solves problems with elapsed time.</b>
<b>Time &amp; Money:</b> Cards 51, 52, 53, 54

<b>Geometric Concepts</b>
<b>19. Constructs two- and three-dimensional geometric figures with concrete materials.</b>
<b>Geometric Figures:</b> Cards 135, 136, 137, 138, 139
<b>Geometry Basics:</b> Cards 151, 152, 154, 155, 156, 157, 158, 159, 160

<b>Geometric Concepts</b>
<b>20. Identifies, describes, classifies, and compares two- and three-dimensional geometric shapes, figures, and models.</b>
<b>Geometric Figures:</b> Cards 135, 136, 137, 138, 139
<b>Geometry Basics:</b> Cards 151, 152, 153, 154, 155, 156, 157, 158, 159, 160
<b>Spatial Sense &amp; Transformations:</b> Cards 272, 273, 274

<b>Geometric Concepts</b>
<b>21. Investigates transformational results of slides, flips, and turns.</b>
<b>Spatial Sense &amp; Transformations:</b> Cards 271, 272, 274, 275, 276, 277, 278, 279, 280

<b>Geometric Concepts</b>
<b>22. Identifies and models points, lines (including parallel, perpendicular, and intersecting lines), line segments, and rays.</b>
<b>Geometric Figures:</b> Cards 130, 131, 134

<b>Geometric Concepts</b>
<b>23. Recognize right, acute, and obtuse angles.</b>
<b>Geometric Figures:</b> Cards 132, 133, 134, 135, 137, 139

<b>Geometric Concepts</b>
<b>24. Defines and labels the following parts of a circle: center, radius, diameter, and chord, and explores the meaning of circumference of a circle.</b>
<b>Geometric Basics:</b> Cards 154, 155

<b>Geometric Concepts</b>
<b>25. Identifies congruent and symmetrical figures.</b>
<b>Spatial Sense &amp; Transformations:</b> Cards 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280

<b>Geometric Concepts</b>
<b>26. Investigates geometric concepts using interactive materials and resources.</b>
<b>Geometric Figures:</b> Cards 130, 131, 132, 133, 134, 135, 136, 137, 138, 139
<b>Geometry Basics:</b> Cards 151, 152, 153, 154, 155, 156, 157, 158, 159, 160
<b>Spatial Sense &amp; Transformations:</b> Cards 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280

<b>Number Sense</b>
<b>1. Reads and writes fractions, six-digit whole numbers, and decimal numbers through hundredths.</b>
<b>Place Value: Whole Numbers:</b> Cards 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24
<b>Representing Numbers:</b> Cards 74, 75, 76, 77, 78
<b>Decimal Concepts:</b> Cards 208, 209, 211, 212, 213
<b>Fraction Concepts:</b> Cards 232, 233, 234, 235, 236, 237, 238

<b>Number Sense</b>
<b>2. Orders and compares six-digit whole numbers, decimal numbers through hundredths, and fractions with denominators of twelve or less.</b>
<b>Place Value: Whole Numbers:</b> Cards 20, 21, 22, 23, 24
<b>Representing Numbers:</b> Cards 81, 82, 83, 84
<b>Decimal Concepts:</b> Cards 215, 216, 217, 218
<b>Fraction Concepts:</b> Cards 239, 240, 241, 242, 243, 244, 245, 246, 247

<b>Number Sense</b>
<b>3. Rounds whole numbers to one hundred thousand and rounds decimals through hundredths.</b>
<b>Add Whole Numbers:</b> Cards 25, 30, 35, 36, 37, 43
<b>Subtract Whole Numbers:</b> Cards 55, 66, 68, 73
<b>Representing Numbers:</b> Cards 76, 77, 78
<b>Decimal Concepts:</b> Cards 214, 218

<b>Number Sense</b>
<b>4. Identifies, draws, and models equivalent fractions.</b>
<b>Fraction Concepts:</b> Cards 235, 237, 238
<b>Add &amp; Subtract Fractions:</b> Cards 260, 262, 263, 264, 265, 266, 267, 268, 269

<b>Number Sense</b>
<b>5. Uses real-life objects to represent, draw, and explain the relationships between fractions and decimals.</b>
<b>Decimal Concepts:</b> Cards 208, 209, 210, 213

<b>Number Sense</b>
<b>6. Utilizes a variety of multimedia and technology resources to explore numerical relationships.</b>
<b>Basic Facts: Add &amp; Subtract:</b> Cards 1, 2, 3, 4, 8, 13
<b>Place Value: Whole Numbers:</b> Cards 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24
<b>Add Whole Numbers:</b> Cards 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43
<b>Time &amp; Money:</b> Cards 44, 45, 46, 47
<b>Subtract Whole Numbers:</b> Cards 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73
<b>Representing Numbers:</b> Cards 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84
<b>Basic Facts: Multiply &amp; Divide:</b> Cards 98, 99, 100, 101, 104, 106, 107, 110, 112
<b>Multiply Whole Numbers by 1 Digit:</b> Cards 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129
<b>Multiply Whole Numbers by 2 Digits:</b> Cards 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150
<b>Divide Whole Numbers by 1 Digit:</b> Cards 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173
<b>Patterns &amp; Numbers:</b> Cards 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207
<b>Divide Whole Numbers by 2 Digits:</b> Cards 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259
<b>Add &amp; Subtract Fractions:</b> Cards 260, 261, 262, 263, 264, 265, 266, 267, 268, 269
<b>Add &amp; Subtract Decimals:</b> Cards 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300

<b>Number Sense</b>
<b>7. Models and identifies factors and multiples of whole numbers to one hundred.</b>
<b>Patterns &amp; Numbers:</b> Cards 197, 199, 200, 201, 202, 203, 204, 205, 206, 207

<b>Number Sense</b>
<b>8. Counts change to \$10.00.</b>
<b>Time &amp; Money:</b> Cards 46, 47, 48, 49

<b>Number Sense</b>
<b>28. Estimates sums, differences, products, and quotients using a variety of techniques.</b>
<b>Add Whole Numbers:</b> Cards 25, 30, 37, 43
<b>Time &amp; Money:</b> Cards 45, 48, 49
<b>Subtract Whole Numbers:</b> Cards 55, 68, 73
<b>Multiply Whole Numbers by 1 Digit:</b> Cards 118, 119, 124, 129
<b>Multiply Whole Numbers by 2 Digits:</b> Cards 143, 145
<b>Divide Whole Numbers by 1 Digit:</b> Cards 167, 173
<b>Divide Whole Numbers by 2 Digits:</b> Card 252

<b>Number Sense</b>
<b>29. Determine whether estimated answers are reasonable and units are appropriate.</b>
<b>Add Whole Numbers:</b> Cards 25, 30, 37, 43
<b>Time &amp; Money:</b> Cards 45, 48, 49
<b>Subtract Whole Numbers:</b> Cards 55, 68, 73
<b>Multiply Whole Numbers by 1 Digit:</b> Cards 118, 119, 124, 129
<b>Multiply Whole Numbers by 2 Digits:</b> Cards 143, 145
<b>Divide Whole Numbers by 1 Digit:</b> Cards 167, 173
<b>Divide Whole Numbers by 2 Digits:</b> Card 252

<b>Number Sense</b>
<b>30. Estimates and uses mental computation to solve real-life problems.</b>
<b>Add Whole Numbers:</b> Cards 25, 30, 37, 43
<b>Time &amp; Money:</b> Cards 45, 48, 49
<b>Subtract Whole Numbers:</b> Cards 55, 68, 73
<b>Multiply Whole Numbers by 1 Digit:</b> Cards 114, 115, 116, 118, 119, 124, 129
<b>Multiply Whole Numbers by 2 Digits:</b> Cards 140, 141, 143, 145
<b>Divide Whole Numbers by 1 Digit:</b> Cards 167, 173
<b>Divide Whole Numbers by 2 Digits:</b> Card 252

<b>Number Sense</b>
<b>31. Adds and subtracts six-digit whole numbers with and without regrouping.</b>
<b>Basic Facts: Add &amp; Subtract:</b> Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
<b>Add Whole Numbers:</b> Cards 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43
<b>Subtract Whole Numbers:</b> Cards 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73

<b>Number Sense</b>
<b>32. Adds and subtracts decimals to tenths, hundredths, and thousandths.</b>
<b>Time &amp; Money:</b> Cards 46, 47, 49
<b>Add &amp; Subtract Decimals:</b> Cards 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 300

<b>Number Sense</b>
<b>33. Multiplies whole numbers by one-digit multipliers and divides by one-digit divisors with and without remainders.</b>
<b>Basic Facts: Multiply &amp; Divide:</b> Cards 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112
<b>Multiply Whole Numbers by 1 Digit:</b> Cards 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129
<b>Multiply Whole Numbers by 2 Digits:</b> Cards 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150
<b>Divide Whole Numbers by 1 Digit:</b> Cards 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173
<b>Divide Whole Numbers by 2 Digits:</b> Cards 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259

<b>Number Sense</b>
<b>34. Adds, subtracts, multiplies, and divides money amounts.</b>
<b>Time &amp; Money:</b> Cards 44, 45, 46, 47, 48, 49
<b>Add &amp; Subtract Decimals:</b> Cards 292, 294, 298, 300

<b>Number Sense</b>
<b>35. Explores the four basic operations through appropriate multimedia resources.</b>
<b>Basic Facts: Add &amp; Subtract:</b> Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
<b>Add Whole Numbers:</b> Cards 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43
<b>Subtract Whole Numbers:</b> Cards 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73
<b>Basic Facts: Multiply &amp; Divide:</b> Cards 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112
<b>Multiply Whole Numbers by 1 Digit:</b> Cards 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129
<b>Multiply Whole Numbers by 2 Digits:</b> Cards 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150
<b>Divide Whole Numbers by 1 Digit:</b> Cards 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173
<b>Divide Whole Numbers by 2 Digits:</b> Cards 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259
<b>Add &amp; Subtract Decimals:</b> Cards 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300

<b>Number Sense</b>
<b>36. Adds and subtracts fractions with like and unlike denominators.</b>
<b>Add &amp; Subtract Fractions:</b> Cards 262, 263, 264, 265, 266, 267, 268, 269

<b>Number Sense</b>
<b>37. Applies problem-solving techniques to solve one- and two-step problems involving the basic operations.</b>
<b>Basic Facts: Add &amp; Subtract:</b> Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
<b>Place Value: Whole Numbers:</b> Cards 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24
<b>Add Whole Numbers:</b> Cards 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43
<b>Time &amp; Money:</b> Cards 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54
<b>Subtract Whole Numbers:</b> Cards 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73
<b>Representing Numbers:</b> Cards 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84
<b>Linear Measurement:</b> Cards 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97
<b>Basic Facts: Multiply &amp; Divide:</b> Cards 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112
<b>Multiply Whole Numbers by 1 Digit:</b> Cards 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129
<b>Geometric Figures:</b> Cards 130, 131, 132, 133, 134, 135, 136, 137, 138, 139
<b>Multiply Whole Numbers by 2 Digits:</b> Cards 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150
<b>Geometry Basics:</b> Cards 151, 152, 153, 154, 155, 156, 157, 158, 159, 160
<b>Divide Whole Numbers by 1 Digit:</b> Cards 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173
<b>Data &amp; Graphs:</b> Cards 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185
<b>Perimeter &amp; Area:</b> Cards 186, 187, 188, 189, 190, 191, 192, 193, 194, 195
<b>Patterns &amp; Numbers:</b> Cards 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207
<b>Decimal Concepts:</b> Cards 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218
<b>Weight, Capacity, &amp; Temperature:</b> Cards 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231
<b>Fraction Concepts:</b> Cards 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247
<b>Divide Whole Numbers by 2 Digits:</b> Cards 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259
<b>Add &amp; Subtract Fractions:</b> Cards 260, 261, 262, 263, 264, 265, 266, 267, 268, 269
<b>Spatial Sense &amp; Transformations:</b> Cards 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280
<b>Probability:</b> Cards 281, 282, 283, 284, 285, 286, 287, 288
<b>Add &amp; Subtract Decimals:</b> Cards 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300



***SRA Mathematics Laboratory 2b***  
**correlation to**  
**Mississippi Curriculum Test (Mathematics)**  
**Grade 5**

**Patterns, Algebraic Thinking**

**35. Use symbols and variables in addition, subtraction, multiplication, and division problems.**

**Basic Facts:** Cards 2, 8, 9, 12, 13, 14

**Add & Subtract Whole Numbers:** Cards 33, 37, 38

**Representing Numbers:** Cards 48, 49

**Multiply Whole Numbers:** Cards 65, 66

**Divide Whole Numbers:** Cards 95, 97, 104

**Patterns & Numbers:** Cards 116, 117

**Fraction Concepts:** Card 121

**Add Fractions:** Cards 139, 140, 144

**Subtract Fractions:** Card 166

**Perimeter, Area & Volume:** Cards 202, 203, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 27

**Data Analysis, Prediction**

**8. Investigations the probability and patterns in tossing coins, number cubes, and spinners.**

**Probability:** Cards 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289

**Data Analysis, Prediction**

**9. Draws and labels bar, line, circle graphs and pictographs.**

**Data & Graphs:** Cards 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

**Data Analysis, Prediction**

**10. Gathers, organizes, and analyses data to create tables, charts, and graphs.**

**Basic Facts:** Cards 13, 14

**Add & Subtract Whole Numbers:** Cards 33, 38

**Patterns & Numbers:** Cards 116, 117

**Data & Graphs:** Cards 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

**Probability:** Cards 281, 282, 283, 286, 287, 288, 289

**Data Analysis, Prediction**

**11. Incorporates appropriate technology and manipulatives to explore data collection, organization, and interpretation.**

**Data & Graphs:** Cards 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

**Probability:** Cards 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289

<b>Measurement</b>
<b>12. Finds measurement of length to the nearest millimeter in the metric system and one-eighth inch in the English system.</b>
<b>Linear Measurement:</b> Cards 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60

<b>Measurement</b>
<b>13. Determine appropriate units of measurement for mass, length, distance, volume, and time in the standard (English and metric) systems.</b>
<b>Linear Measurement:</b> Cards 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60
<b>Weight, Capacity, Temperature &amp; Time:</b> Cards 177, 178

<b>Measurement</b>
<b>14. Uses appropriate tools to measure area, perimeter, circumference, radius, and diameter in the standard (English and metric) systems.</b>
<b>Perimeter, Area &amp; Volume:</b> Cards 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217

<b>Measurement</b>
<b>15. Converts units within a given measurement system.</b>
<b>Linear Measurement:</b> Cards 52, 53, 55, 56, 57, 58, 59, 60
<b>Weight, Capacity, Temperature &amp; Time:</b> Cards 179, 180, 182, 183, 184, 185, 186, 187, 188

<b>Measurement</b>
<b>16. Estimates measurements of various objects.</b>
<b>Linear Measurement:</b> Cards 50, 54, 55
<b>Weight, Capacity, Temperature &amp; Time:</b> Cards 178, 181, 182, 187, 188

<b>Measurement</b>
<b>17. Solves multi-step problems using suitable measurements.</b>
<b>Linear Measurement:</b> Cards 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60
<b>Weight, Capacity, Temperature &amp; Time:</b> Cards 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188
<b>Perimeter, Area &amp; Volume:</b> Cards 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217

<b>Measurement</b>
<b>18. Incorporates appropriate technology and manipulatives to explore measurements.</b>
<b>Linear Measurement:</b> Cards 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60
<b>Geometric Basics:</b> Cards 81, 82, 86, 87
<b>Weight, Capacity, Temperature &amp; Time:</b> Cards 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188
<b>Perimeter, Area &amp; Volume:</b> Cards 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217

<b>Geometric Concepts</b>
<b>19. Draws, labels, describes, classifies, and identifies points, lines, line segments, and rays.</b>
<b>Geometric Basics:</b> Cards 77, 78, 79, 82, 86, 87
<b>Geometric Figures:</b> Cards 129, 133

<b>Geometric Concepts</b>
<b>20. Identifies, classifies, and finds the perimeter of polygons.</b>
<b>Geometric Basics:</b> Cards 83, 84, 85, 87
<b>Geometric Figures:</b> Cards 130, 131, 132, 133
<b>Perimeter, Area &amp; Volume:</b> Cards 201, 202, 209, 210, 216, 217
<b>Spatial Sense &amp; Transformations:</b> Card 265

<b>Geometric Concepts</b>
<b>21. Finds the area of squares and rectangles.</b>
<b>Perimeter, Area &amp; Volume:</b> Cards 204, 205, 206, 207, 208, 210, 211, 212, 213, 216, 217

<b>Geometric Concepts</b>
<b>22. Incorporates appropriate technology and manipulatives to explore geometric figures.</b>
<b>Geometric Basics:</b> Cards 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87
<b>Geometric Figures:</b> Cards 129, 130, 131, 132, 133, 134, 135, 136, 137, 138
<b>Perimeter, Area &amp; Volume:</b> Cards 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217
<b>Spatial Sense &amp; Transformations:</b> Cards 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242
<b>Coordinate Graphs:</b> Card 265

<b>Geometric Concepts</b>
<b>23. Solves multi-step problems using geometric ideas.</b>
<b>Geometric Basics:</b> Cards 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87
<b>Geometric Figures:</b> Cards 129, 130, 131, 132, 133, 134, 135, 136, 137, 138
<b>Perimeter, Area &amp; Volume:</b> Cards 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217
<b>Spatial Sense &amp; Transformations:</b> Cards 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242

<b>Geometric Concepts</b>
<b>24. Models, draws, and describes transformations (flips, slides, and turns) of two-dimensional figures.</b>
<b>Geometric Figures:</b> Cards 135, 136, 137, 138
<b>Spatial Sense &amp; Transformations:</b> Cards 233, 234, 235, 237, 238, 242

<b>Geometric Concepts</b>
<b>25. Draws, measures, labels, describes, and classifies angles, quadrilaterals, and triangles.</b>
<b>Geometric Basics:</b> Cards 79, 80, 81, 82, 83, 84, 85, 87
<b>Geometric Figures:</b> Cards 129, 130, 131, 132, 133
<b>Coordinate Graphs:</b> Card 265

<b>Number Sense</b>
<b>1. Compares and orders nine-digit whole numbers, decimals to the nearest thousandth, like and unlike fractions, and mixed numbers using appropriate symbols.</b>
<b>Place Value: Whole Numbers:</b> Cards 20, 21, 22, 23, 24
<b>Representing Numbers:</b> Cards 46, 47, 49
<b>Fraction Concepts:</b> Cards 123, 124, 125, 128
<b>Decimal Concepts:</b> Cards 224, 225, 228, 231

<b>Number Sense</b>
<b>2. Reads and writes standard form and expanded notation for numbers through hundred millions.</b>
<b>Place Value: Whole Numbers:</b> Cards 15, 16, 17, 18, 19, 22, 23, 24
<b>Representing Numbers:</b> Cards 43, 44
<b>Decimal Concepts:</b> Cards 218, 219, 221, 222, 223, 231

<b>Number Sense</b>
<b>3. Uses divisibility rules to identify factors and multiples of whole numbers to 500.</b>
<b>Patterns &amp; Numbers:</b> Cards 105, 106, 107, 108, 110, 111, 112, 113, 114, 115, 116, 117
<b>Geometric Figures:</b> Cards 121, 122, 123, 124, 125
<b>Add Fractions:</b> Cards 139, 140, 141, 142, 143, 144, 146, 147, 148, 149, 150
<b>Subtract Fractions:</b> Cards 165, 166, 167, 168, 171, 173, 174, 175, 176
<b>Multiply &amp; Divide Fractions:</b> Cards 191, 192, 193, 194

<b>Number Sense</b>
<b>4. Models and distinguishes between prime and composite numbers.</b>
<b>Patterns &amp; Numbers:</b> Cards 112, 113, 117

<b>Number Sense</b>
<b>5. Models and shows relationships among fractions, decimals, and percents.</b>
<b>Decimal Concepts:</b> Cards 218, 220, 223, 229, 230, 231
<b>Percent Concepts:</b> Cards 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300

<b>Number Sense</b>
<b>6. Models, identifies, and writes equivalent fractions including improper fractions and mixed numbers with like and unlike denominators.</b>
<b>Fraction Concepts:</b> Cards 120, 121, 122, 123, 124, 125, 128
<b>Add Fractions:</b> Cards 139, 140, 141, 142, 143, 144, 146, 147, 148, 149, 150
<b>Subtract Fractions:</b> Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176
<b>Multiply &amp; Divide Fractions:</b> Cards 191, 192, 193, 194

<b>Number Sense</b>
<b>7. Develops the terminology relating to percent and computes percentages of 10, 20, 25, and 50 percent of a number.</b>
<b>Decimal Concepts:</b> Cards 229, 230, 231
<b>Percent Concepts:</b> Cards 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300

<b>Number Sense</b>
<b>26. Adds and subtracts nine-digit numbers with and without regrouping.</b>
<b>Basic Facts:</b> Cards 1, 2, 3, 4, 5, 6
<b>Add &amp; Subtract Whole Numbers:</b> Cards 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38

<b>Number Sense</b>
<b>27. Multiplies four-digit by two-digit number multipliers.</b>
<b>Basic Facts:</b> Cards 7, 8, 9, 11, 12, 13, 14
<b>Multiply Whole Numbers:</b> Cards 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76

<b>Number Sense</b>
<b>28. Divides by two-digit divisors with and without remainders.</b>
<b>Basic Facts:</b> Cards 10, 11, 12, 13, 14
<b>Divide Whole Numbers:</b> Cards 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104

<b>Number Sense</b>
<b>29. Adds and subtracts like/unlike fractions and mixed numbers.</b>
<b>Add Fractions:</b> Cards 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150
<b>Subtract Fractions:</b> Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176

<b>Number Sense</b>
<b>30. Adds and subtracts decimals.</b>
<b>Add &amp; Subtract Decimals:</b> Cards 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254

<b>Number Sense</b>
<b>31. Solves problems dealing with money.</b>
<b>Decimal Concepts:</b> Card 224
<b>Add &amp; Subtract Decimals:</b> Cards 247, 248, 253, 254
<b>Multiply &amp; Divide Decimals:</b> Cards 272, 278

<b>Number Sense</b>
<b>32. Determine unit price when given total cost of items.</b>
This concept is not covered at this level.

<b>Number Sense</b>
<b>33. Incorporates appropriate technology and manipulatives to explore basic operations of whole numbers, fractions, mixed numbers, and decimals.</b>
<b>Basic Facts:</b> Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14
<b>Add &amp; Subtract Whole Numbers:</b> Cards 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38
<b>Multiply Whole Numbers:</b> Cards 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76
<b>Divide Whole Numbers:</b> Cards 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104
<b>Fraction Concepts:</b> Cards 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128
<b>Add Fractions:</b> Cards 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150
<b>Subtract Fractions:</b> Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176
<b>Multiply &amp; Divide Fractions:</b> Cards 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200
<b>Add &amp; Subtract Decimals:</b> Cards 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254
<b>Multiply &amp; Divide Decimals:</b> Cards 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278

**Number Sense****34. Solves multi-step word problems using the four basic operations with computation and estimation.****Basic Facts:** Cards 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14**Place Value: Whole Numbers:** Cards 15, 16, 17, 18, 19, 20, 21, 22, 23, 24**Add & Subtract Whole Numbers:** Cards 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38**Representing Numbers:** Cards 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49**Linear Measurement:** Cards 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60**Multiply Whole Numbers:** Cards 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76**Geometric Basics:** Cards 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87**Divide Whole Numbers:** Cards 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104**Patterns & Numbers:** Cards 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117**Fraction Concepts:** Cards 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128**Geometric Figures:** Cards 129, 130, 131, 132, 133, 134, 135, 136, 137, 138**Add Fractions:** Cards 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150**Data & Graphs:** Cards 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164**Subtract Fractions:** Cards 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176**Weight, Capacity, Temperature & Time:** Cards 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188**Multiply & Divide Fractions:** Cards 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200**Perimeter, Area & Volume:** Cards 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217**Decimal Concepts:** Cards 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231**Spatial Sense & Transformations:** Cards 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242**Add & Subtract Decimals:** Cards 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254**Coordinate Graphs:** Cards 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266**Multiply & Divide Decimals:** Cards 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278**Probability:** Cards 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289**Percent Concepts:** Cards 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300

**Number Sense**

**35. Uses symbols and variables in addition, subtraction, multiplication, and division problems.**

**Basic Facts:** Cards 5, 6, 8, 9, 12, 13, 14

**Add & Subtract Whole Numbers:** Cards 32, 33, 37, 38

**Representing Numbers:** Cards 42, 43, 44, 48, 49

**Multiply Whole Numbers:** Cards 65, 66

**Divide Whole Numbers:** Cards 95, 97, 104

**Patterns & Numbers:** Cards 116, 117

**Number Sense**

**36. Selects and uses estimation techniques appropriate to specific problems.**

**Add & Subtract Whole Numbers:** Card 25

**Representing Numbers:** Cards 39, 40, 44

**Multiply Whole Numbers:** Cards 62, 69, 76

**Divide Whole Numbers:** Cards 89, 95

**Add Fractions:** Card 145

**Decimal Concepts:** Cards 226, 227, 231

**Add & Subtract Decimals:** Cards 244, 248, 249, 254



***SRA Mathematics Laboratory 2c***  
**correlation to**  
**Mississippi Curriculum Test (Mathematics)**  
**Grade 6**

**Patterns, Algebraic Thinking**

**1. Solves equations in one variable using addition and subtraction.**

**Basic Facts:** Cards 1, 2, 8, 11, 14

**Add & Subtract Whole Numbers:** Cards 26, 31

**Multiply & Divide Whole Numbers:** Cards 55, 56, 59

**Patterns & Numbers:** Cards 91, 94

**Coordinate Graphs:** Cards 289, 290, 291

**Algebra Concepts:** Cards 292, 293, 294, 295, 296, 297, 298, 299, 300

**Patterns, Algebraic Thinking**

**2. Models simple addition and subtraction problems using integers on a number line.**

**Representing Numbers:** Cards 63, 64, 65, 66, 67, 68, 69

**Patterns, Algebraic Thinking**

**3. Recognize and continues a number pattern and/or geometric representation (e.g., triangular numbers).**

**Basic Facts:** Cards 11, 14

**Add & Subtract Whole Numbers:** Cards 26, 31

**Multiply & Divide Whole Numbers:** Cards 55, 59

**Patterns & Numbers:** Cards 91, 94

**Geometric Figures:** Cards 169, 171

**Coordinate Graphs:** Cards 289, 290, 291

**Patterns, Algebraic Thinking**

**4. States a rule to explain a number pattern.**

**Basic Facts:** Cards 11, 14

**Add & Subtract Whole Numbers:** Cards 26, 31

**Multiply & Divide Whole Numbers:** Cards 55, 59

**Patterns & Numbers:** Cards 91, 94

**Coordinate Graphs:** Cards 289, 290, 291

<b>Patterns, Algebraic Thinking</b>
<b>5. Uses whole numbers to complete a function table based on a given rules.</b>
<b>Basic Facts:</b> Cards 11, 14
<b>Add &amp; Subtract Whole Numbers:</b> Cards 26, 31
<b>Multiply &amp; Divide Whole Numbers:</b> Cards 55, 59
<b>Patterns &amp; Numbers:</b> Cards 91, 94
<b>Coordinate Graphs:</b> Cards 289, 290, 291

<b>Patterns, Algebraic Thinking</b>
<b>18. Locate points in all four quadrants of the coordinate plane.</b>
<b>Data and Graphs:</b> Cards 144, 152, 153
<b>Coordinate Graphs:</b> Cards 284, 285, 286, 287, 288, 289, 290, 291

<b>Data Analysis, Prediction</b>
<b>7. Reads and constructs line, bar, and pictographs.</b>
<b>Data and Graphs:</b> Cards 143, 144, 145, 146, 149, 150, 152
<b>Coordinate Graphs:</b> Cards 289, 290, 291

<b>Data Analysis, Prediction</b>
<b>8. Reads and interprets circle graphs using percents.</b>
<b>Data and Graphs:</b> Cards 146, 153

<b>Data Analysis, Prediction</b>
<b>9. Constructs and explains a frequency table.</b>
<b>Data and Graphs:</b> Cards 142, 145

<b>Data Analysis, Prediction</b>
<b>10. Uses probability to predict the outcome of a single event and expresses the results as a fraction or decimal.</b>
<b>Probability:</b> Cards 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201

<b>Data Analysis, Prediction</b>
<b>11. Estimates and compares data to include mean, median, and mode.</b>
<b>Data and Graphs:</b> Cards 138, 139, 140, 145

<b>Data Analysis, Prediction</b>
<b>12. Solve problems involving combinations.</b>
<b>Probability:</b> Cards 188, 189, 190, 192, 193, 194, 195, 196, 201

<b>Measurement</b>
<b>13. Measures length to the nearest one-sixteenth inch.</b>
<b>Measurement:</b> Cards 109, 110, 111, 113

<b>Measurement</b>
<b>14. Identifies appropriate units for measuring length, weight, volume, and temperature in the standard (English and metric) systems.</b>
<b>Weight, Capacity &amp; Time:</b> Cards 74, 75, 76, 77, 78, 79, 80, 83
<b>Measurement:</b> Cards 109, 110, 111, 113
<b>Surface Area &amp; Volume:</b> Cards 246, 247, 248, 249, 250, 251, 252

<b>Measurement</b>
<b>15. Uses appropriate mathematical tools for determining length, weight, volume, and temperature in the standard (English and metric) systems.</b>
<b>Weight, Capacity &amp; Time:</b> Cards 74, 75, 76, 77, 78, 79, 80, 83
<b>Measurement:</b> Cards 109, 110, 111, 113
<b>Surface Area &amp; Volume:</b> Cards 246, 247, 248, 249, 250, 251, 252

<b>Measurement</b>
<b>16. Uses estimation to solve problems in the standard (English and metric) systems.</b>
<b>Weight, Capacity &amp; Time:</b> Cards 74, 75, 76, 77, 78, 79, 80, 81, 82, 83
<b>Measurement:</b> Cards 109, 110, 111, 113
<b>Surface Area &amp; Volume:</b> Cards 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252

<b>Measurement</b>
<b>17. Converts units within a measurement system.</b>
<b>Weight, Capacity &amp; Time:</b> Cards 74, 75, 76, 77, 78, 79, 80, 81, 82, 83

<b>Measurement</b>
<b>40. Explores the relationship among integers.</b>
<b>Representing Numbers:</b> Cards 63, 64, 65, 66, 67, 68, 69

<b>Geometric Concepts</b>
<b>19. Draws points, lines (parallel, perpendicular, intersecting), line segments, and rays.</b>
<b>Geometric Figures:</b> Cards 165, 166, 167, 170

<b>Geometric Concepts</b>
<b>20. Identifies, classifies, and measures right, acute, obtuse, and straight angles.</b>
<b>Measurement:</b> Cards 112, 113, 114, 115, 116, 117, 118, 120, 121
<b>Geometric Figures:</b> Cards 169, 170, 171

<b>Geometric Concepts</b>
<b>21. Creates tessellations with polygons.</b>
This concept is not covered at this level.

<b>Geometric Concepts</b>
<b>22. Explores the relationships of three-dimensional figures, including vertices, faces, and edges using manipulative materials.</b>
<b>Geometric Figures:</b> Cards 174, 175

<b>Geometric Concepts</b>
<b>23. Describes, compares, constructs, classifies, and identifies flips, slides, and turns (reflections, translations, and rotations).</b>
<b>Spatial Sense &amp; Transformations:</b> Cards 268, 269, 270, 271, 272

<b>Geometric Concepts</b>
<b>24. Calculates the area of parallelograms (squares and rectangles) without using calculators.</b>
<b>Perimeter &amp; Area:</b> Cards 216, 217, 218, 220, 222, 223, 227
<b>Surface Area &amp; Volume:</b> Cards 241, 242, 243, 244, 245

<b>Geometric Concepts</b>
<b>25. Finds the circumferences of a circle with and without the use of manipulative materials.</b>
<b>Perimeter &amp; Area:</b> Cards 224, 225, 226, 227

<b>Geometric Concepts</b>
<b>26. Determine the area of a circle with and without the use of a calculator.</b>
<b>Perimeter &amp; Area:</b> Cards 226, 227

<b>Geometric Concepts</b>
<b>27. Finds the volume of cubes and rectangular prisms with and without the use of calculators.</b>
<b>Surface Area &amp; Volume:</b> Cards 246, 247, 248, 249, 250, 251, 252

<b>Number Sense</b>
<b>6. Creates and solves proportional equations using one variable.</b>
<b>Ratios &amp; Proportions:</b> Cards 273, 274, 275, 276, 277, 278 279, 280, 281, 282, 283

<b>Number Sense</b>
<b>28. Reads, writes, and rounds twelve-digit whole numbers.</b>
<b>Basic Facts:</b> Card 3
<b>Add &amp; Subtract Whole Numbers:</b> Cards 15, 16, 17, 23, 24, 25, 31
<b>Place Value: Whole Numbers:</b> Cards 32, 33, 36
<b>Multiply &amp; Divide Whole Numbers:</b> Cards 44, 49, 51, 59
<b>Representing Numbers:</b> Card 62

<b>Number Sense</b>
<b>29. Compares and orders whole numbers using <math>&lt;</math>, <math>&gt;</math>, and <math>=</math>.</b>
<b>Place Value: Whole Numbers:</b> Cards 34, 35, 36
<b>Representing Numbers:</b> Cards 64, 65, 66

<b>Number Sense</b>
<b>30. Writes twelve-digit whole numbers using expanded notation.</b>
<b>Place Value: Whole Numbers:</b> Cards 33, 36
<b>Representing Numbers:</b> Card 62

<b>Number Sense</b>
<b>31. Reads, writes, and rounds decimal numbers to the nearest ten-thousandths.</b>
<b>Place Value: Whole Numbers:</b> Cards 37, 38, 41

<b>Number Sense</b>
<b>32. Compares and orders decimal numbers using <math>&lt;</math>, <math>&gt;</math>, and <math>=</math>.</b>
<b>Place Value: Whole Numbers:</b> Cards 39, 40, 41

<b>Number Sense</b>
<b>33. Writes decimal numbers through the nearest ten-thousandth using expanded notation.</b>
<b>Place Value: Whole Numbers:</b> Cards 38, 39, 40, 41

<b>Number Sense</b>
<b>34. Uses estimation to determine accuracy of solutions.</b>
<b>Add &amp; Subtract Whole Numbers:</b> Cards 15, 16, 17, 23, 24, 25, 31
<b>Multiply &amp; Divide Whole Numbers:</b> Cards 44, 49, 51, 59
<b>Add &amp; Subtract Fractions:</b> Cards 127, 131, 137
<b>Add &amp; Subtract Decimals:</b> Cards 177, 181, 182

<b>Number Sense</b>
<b>35. Multiplies a three-digit decimal number by a two-digit decimal number.</b>
<b>Multiply Decimals:</b> Cards 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212

<b>Number Sense</b>
<b>36. Divides a five-digit decimal number by a two-digit decimal number.</b>
<b>Divide Decimals:</b> Cards 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240

<b>Number Sense</b>
<b>37. Rounds decimal quotients to the nearest whole number, tenth, and hundredth.</b>
<b>Divide Decimals:</b> Cards 231, 232, 233, 234, 238, 239, 240

<b>Number Sense</b>
<b>38. Estimates and solves one- and two-step problems involving addition, subtraction, multiplication, and division of decimals, with and without calculators.</b>
<b>Add &amp; Subtract Decimals:</b> Cards 177, 181, 182
<b>Multiply Decimals:</b> Cards 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212
<b>Divide Decimals:</b> Cards 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240

<b>Number Sense</b>
<b>39. Uses the rules of divisibility to determine factors and multiples of a given number.</b>
<b>Patterns &amp; Numbers:</b> Cards 84, 85, 86, 87, 88, 89, 90, 92, 93, 94
<b>Fraction &amp; Decimal Concepts:</b> Cards 96, 98, 99, 100, 101, 107, 108
<b>Add &amp; Subtract Fractions:</b> Cards 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137
<b>Multiply &amp; Divide Fractions:</b> Cards 155, 156, 157, 158, 160, 161, 162, 163, 164

<b>Number Sense</b>
<b>41. Models and writes the prime factorization of a number using exponential notation.</b>
<b>Representing Numbers:</b> Card 62
<b>Patterns &amp; Numbers:</b> Cards 92, 93, 94

<b>Number Sense</b>
<b>42. Distinguishes between prime and composite numbers with and without the use of calculators.</b>
<b>Patterns &amp; Numbers:</b> Cards 92, 93, 94

<b>Number Sense</b>
<b>43. Uses the greatest common factor (GCF) to simplify fractions.</b>
<b>Patterns &amp; Numbers:</b> Cards 85, 89
<b>Fraction &amp; Decimal Concepts:</b> Cards 98, 99, 100, 101, 107, 108
<b>Add &amp; Subtract Fractions:</b> Cards 123, 124, 125, 126, 128, 129, 130, 132, 133, 134, 135, 136, 137
<b>Multiply &amp; Divide Fractions:</b> Cards 155, 156, 157, 158, 160, 161, 162, 163, 164

<b>Number Sense</b>
<b>44. Uses the least common multiple (LCM) to find common denominators.</b>
<b>Patterns &amp; Numbers:</b> Cards 87, 88, 89
<b>Fraction &amp; Decimal Concepts:</b> Cards 96, 99, 100, 101, 107, 108
<b>Add &amp; Subtract Fractions:</b> Cards 125, 126, 127, 128, 129, 131, 133, 134, 136, 137

<b>Number Sense</b>
<b>45. Converts among fractions, decimals, and percents.</b>
<b>Fraction &amp; Decimal Concepts:</b> Cards 103, 104, 105, 106, 107, 108
<b>Divide Decimals:</b> Cards 239, 240
<b>Using Decimals &amp; Percents:</b> Cards 253, 254, 255, 256, 257, 258, 259, 260, 261, 262

<b>Number Sense</b>
<b>46. Finds the percent of a number.</b>
<b>Using Decimals &amp; Percents:</b> Cards 254, 255, 256, 257, 258, 259, 260, 261, 262

<b>Number Sense</b>
<b>47. Estimates and calculates sale price and/or original price using discount rates.</b>
<b>Using Decimals &amp; Percents:</b> Cards 257, 258, 259, 260, 261, 262

<b>Number Sense</b>
<b>48. Compares and orders fractions as well as mixed numbers.</b>
<b>Fraction &amp; Decimal Concepts:</b> Cards 99, 100, 101, 106, 107, 108

<b>Number Sense</b>
<b>49. Determines equivalent forms of fractions.</b>
<b>Fraction &amp; Decimal Concepts:</b> Cards 96, 97, 98, 100, 101
<b>Add &amp; Subtract Fractions:</b> Cards 122, 123, 124, 125, 126, 128, 129, 130, 132, 133, 134, 135, 136, 137
<b>Multiply &amp; Divide Fractions:</b> Cards 155, 156, 157, 158, 159, 160, 162, 163, 164

<b>Number Sense</b>
<b>50. Uses a variety of techniques to express a fraction in simplest form.</b>
<b>Fraction &amp; Decimal Concepts:</b> Cards 99, 101
<b>Add &amp; Subtract Fractions:</b> Cards 122, 123, 124, 125, 126, 128, 129, 130, 132, 133, 134, 135, 136, 137
<b>Multiply &amp; Divide Fractions:</b> Cards 155, 156, 157, 158, 159, 160, 162, 163, 164

<b>Number Sense</b>
<b>51. Locates fractions, decimals, and mixed numbers on a number line.</b>
This concept is not covered at this level.

<b>Number Sense</b>
<b>52. Adds and subtracts mixed numbers with and without regrouping, expressing the answer in simplest form using like and unlike denominators.</b>
<b>Add &amp; Subtract Fractions:</b> Cards 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137

<b>Number Sense</b>
<b>53. Multiplies and divides proper fractions as well as mixed numbers expressing the answer in simplest form.</b>
<b>Multiply &amp; Divide Fractions:</b> Cards 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

<b>Number Sense</b>
<b>54. Estimates, solves, and compares solutions to one- and two-step problems involving addition, subtractions, multiplication, and division of proper fractions and mixed numerals.</b>
<b>Add &amp; Subtract Fractions:</b> Cards 122, 123, 124, 125, 126, 127, 128, 130, 131, 132, 133, 134, 135, 136, 137
<b>Multiply &amp; Divide Fractions:</b> Cards 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164

<b>Number Sense</b>
<b>55. Demonstrates different ways to express ratios.</b>
<b>Ratios &amp; Proportions:</b> Cards 272, 273, 274, 275, 76, 277, 278, 279, 280, 281, 282, 283