



## BJU Press - 5th Grade - Math - Quarter 2 Map

Week	Lessons	Project/Activity	Modification	Submit	Objectives
1	48-52	Test 5		Test 5	<p><b>Students will be able to:</b></p> <ol style="list-style-type: none"><li>1. Solve a missing factor equation with a variable</li><li>2. Divide a 4-digit divided</li><li>3. Divide money</li><li>4. Explain that humans can solve problems because God made us able to think and reason</li><li>5. Write and solve a money division word problem</li><li>6. Analyze patterns and use mental math to divide multiples of 10</li><li>7. Complete a division input/ output table</li><li>8. Use compatible numbers to estimate a quotient</li><li>9. Write a mathematical expression for a word phrase</li><li>10. Use the short form of division to find a quotient</li><li>11. Solve a division word problem and interpret the solution</li><li>12. Solve a division word problem and interpret a remainder</li><li>13. Use multiplication to check a division problem</li><li>14. Use mental math to divide multiples of 10</li><li>15. Solve a missing factor equation with a variable</li><li>16. Determine the average</li><li>17. Use compatible numbers to estimate a quotient</li></ol> <p><b>Review and test</b></p>
2	53-57		Combine 56 and 57, worktext page 111 only for 57		<p><b>Students will be able to:</b></p> <ol style="list-style-type: none"><li>1. Explain how math helps a test pilot make wise choices</li><li>2. Identify and use the terms "numerator" and "denominator"</li></ol>

					<ol style="list-style-type: none"> <li>3. Compare and order like and unlike fractions</li> <li>4. Compare fractions</li> <li>5. Compare fractions to a whole</li> <li>6. Write equivalent fractions</li> <li>7. Compare fractions to <math>\frac{1}{2}</math></li> <li>8. Rename a fraction to higher terms</li> <li>9. Rename a fraction to lower terms</li> <li>10. Compare and order related fractions</li> <li>11. Rename an improper fraction as a mixed number</li> <li>12. Rename a mixed number as an improper fraction</li> <li>13. Compare mixed numbers and improper fractions</li> <li>14. Evaluate information by comparing fractions to make wise choices</li> <li>15. Round mixed numbers to the nearest whole number</li> <li>16. List the factors of a whole number</li> <li>17. Identify prime and composite numbers</li> <li>18. Use a Venn diagram to identify common factors</li> <li>19. Determine if a number is divisible by 2, 3, 4, 5, 6, or 10</li> <li>20. Use divisibility rules to identify common factors</li> <li>21. Rename a fraction to lowest terms</li> </ol>
3	58-63	Test	Combine 60 and 61, lesson 61 is optional	Test 6	<p><b>Students will be able to:</b></p> <ol style="list-style-type: none"> <li>1. Identify the common factors of two numbers</li> <li>2. Rename fractions to lower terms</li> <li>3. Use fractions to evaluate information and make wise choices</li> <li>4. Use the greatest common factor to rename a fraction to lowest terms</li> <li>5. Use prime factorization to determine the greatest common factor</li> <li>6. Use a Venn diagram to determine the greatest common factor</li> <li>7. Use exponents to write the prime factorization of numbers</li> <li>8. Use the greatest common factor to rename a fraction to lowest terms</li> <li>9. Use guess and check to solve the problems</li> <li>10. Explain the meaning of stewardship</li> <li>11. Discuss the terms "budget," "income," "expense," "tithe," and</li> </ol>

					<p>“balance”</p> <ol style="list-style-type: none"> <li>12. Identify the problem that needs to be solved</li> <li>13. Develop a system for keeping and using financial records</li> <li>14. Tithe and save according to a budget</li> <li>15. Balance a budget</li> <li>16. Evaluate budget choices when faced with a financial challenge</li> </ol>
4	64-68		Combine lessons 65 and 66 for 66 do worktext page 127 only		<p><b>Students will be able to:</b></p> <ol style="list-style-type: none"> <li>1. Explain the importance of using accurate math</li> <li>2. Use mental math to divide multiples of 10</li> <li>3. Use compatible numbers to estimate a quotient</li> <li>4. Solve a division problem</li> <li>5. Divide to find 1-digit quotients</li> <li>6. Use compatible numbers to estimate a quotient</li> <li>7. Use multiplication to check division problems</li> <li>8. Adjust the quotient to a division problem</li> <li>9. Divide to find 1-digit quotients</li> <li>10. Divide to find 2-digit quotients</li> <li>11. Adjust the quotient in a division problem</li> <li>12. Interpret a remainder</li> </ol>
5	69-75	Test 7	Skip lesson 72, combine 70 and 71 only do worktext 138	Test 7	<p><b>Students will be able to:</b></p> <ol style="list-style-type: none"> <li>1. Use mental math to complete an input/ output table</li> <li>2. Divide 4-digit dividends to find 2-digit quotients</li> <li>3. Interpret a remainder</li> <li>4. Divide to find a 3-digit quotient</li> <li>5. Write an equation and solve a division word problem</li> <li>6. Write a remainder as a fraction</li> <li>7. Determine whether a word problem has too much or not enough information</li> <li>8. Divide to find a 3-digit quotient</li> <li>9. Divide to find a quotient containing 0</li> <li>10. Analyze a line graph</li> <li>11. Use a line graph to solve word problems</li> <li>12. Use math to evaluate a choice</li> <li>13. Determine the rule for an input/ output table</li> <li>14. Analyze a pictograph</li> </ol>

					<p>15. Use a pictograph to solve a word problem</p> <p>16. Write a remainder as a fraction</p> <p>17. Use the order of operations to solve equations</p> <p>18. Use the order of operations to solve multi-step word problems</p> <p><b>Review and test</b></p>
6	76-80		Combine 79 and 80, for 79 worktext pages only	Lesson 76	<p><b>Students will be able to:</b></p> <ol style="list-style-type: none"> <li>1. Use math to evaluate a choice</li> <li>2. Identify equivalent units of time</li> <li>3. Tell and write time to the minute</li> <li>4. Differentiate between am and pm</li> <li>5. Convert units of time to smaller or larger units</li> <li>6. Read a calendar and write a date</li> <li>7. Determine the elapsed time</li> <li>8. Determine the future time</li> <li>9. Add and subtract time</li> <li>10. Use a timeline to determine elapsed time</li> <li>11. Identify inches, feet, yards, and miles as linear measurement units</li> <li>12. Use a map key to determine distance</li> <li>13. Estimate length to the nearest inch</li> <li>14. Measure to the nearest inch, half inch, quarter inch, and eighth inch</li> <li>15. Measure the perimeter of a figure</li> <li>16. Convert units of linear measurements to smaller units</li> <li>17. Identify the symbols for foot and inch</li> <li>18. Convert units of linear measurement to larger units</li> <li>19. Devise a plan for using math to serve someone</li> <li>20. Identify pounds, ounces, and tons as measuring units for weight</li> <li>21. Identify fluid ounces, cups, pints, quarts, and gallons as measuring units for capacity</li> <li>22. Convert units of capacity</li> </ol>
7	81-86	Test 8			<p><b>Students will be able to:</b></p> <ol style="list-style-type: none"> <li>1. Read a fahrenheit thermometer</li> </ol>

				<ol style="list-style-type: none"> <li>2. Identify standard fahrenheit temperatures</li> <li>3. Use fahrenheit thermometer to measure temperature</li> <li>4. Interpret a line graph</li> <li>5. Add customary measurements</li> <li>6. Subtract customary measurement</li> <li>7. Multiply customary measurements</li> <li>8. Solve rate and distance word problems</li> <li>9. Identify the problem to be solved</li> <li>10. Identify materials for filtering dirty water</li> <li>11. Use provided materials to design a water filter</li> <li>12. Measure filter materials</li> <li>13. Assemble a water filter and predict results</li> <li>14. Measure and compare dirty water to filtered water</li> <li>15. Evaluate and modify filter design</li> <li>16. Create a component of a water filter system to provide clean water to those in need</li> </ol> <p><b>Review and test</b></p>
8	87-91		Combine 87 and 88, do worktext 167 only for 87	<p><b>Students will be able to:</b></p> <ol style="list-style-type: none"> <li>1. Recall how math helps us in our work</li> <li>2. Add like fractions</li> <li>3. Rename fractions to lowest terms</li> <li>4. Rename improper fractions as mixed numbers</li> <li>5. Add mixed numbers</li> <li>6. Estimate sums by rounding</li> <li>7. Apply addition properties to fractions</li> <li>8. Subtract like fractions</li> <li>9. Write an equation to solve a word problem</li> <li>10. Subtract mixed numbers</li> <li>11. Estimate by rounding</li> <li>12. Add unlike fractions</li> <li>13. Write an equation to solve a fraction word problem</li> <li>14. Add mixed numbers</li> <li>15. Estimate sums by rounding</li> <li>16. Subtract unlike fractions</li> <li>17. Estimate by rounding</li> <li>18. Write an equation to solve a fraction word problem</li> </ol>

					<ul style="list-style-type: none"> <li>19. List multiples to determine the least common multiple</li> <li>20. Use a Venn diagram to determine the least common multiple</li> <li>21. Use the least common denominator to write equivalent fractions</li> <li>22. Add and subtract unlike fractions</li> </ul>
9	92-99	Test 9	Skip 97 and cumulative review, combine 92 and 93, do only worktext 179 for 93, combine 94 and 95 and for worktext do 181 and 183	Test 9/ Lesson 95	<p><b>Students will be able to:</b></p> <ul style="list-style-type: none"> <li>1. Compare unlike fractions</li> <li>2. Add and subtract unlike fractions</li> <li>3. Apply the least common multiple to problem solving</li> <li>4. Explain how math helps air traffic controllers do their work</li> <li>5. Determine the least common denominator by finding the least common multiple</li> <li>6. Add fractions</li> <li>7. Evaluate equations by substituting fractions for variables</li> <li>8. Subtract fractions</li> <li>9. Add and subtract fractions</li> <li>10. Write an equation to solve a fraction word problem</li> <li>11. Add and subtract mixed numbers</li> <li>12. Estimate by rounding</li> <li>13. Compare mixed numbers</li> <li>14. Determine the least common denominator or find a common denominator</li> <li>15. Use the least common multiple to solve a problem</li> <li>16. Write a mathematical expression for a word phrase</li> <li>17. Add and subtract fractions and mixed numbers</li> <li>18. Complete an input/ output table</li> <li>19. Use math to evaluate a claim</li> <li>20. Write the prime factorization of a number</li> <li>21. Use prime factorization to determine the least common multiple</li> <li>22. Compare unlike fractions</li> <li>23. Use a recipe to solve fraction problems</li> <li>24. Follow a recipe</li> </ul> <p><b>Review and test</b></p>