Number Riddles

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| Grade Level: 1 |
| Mathematics Domain and Cluster:   * Understand place value. * Extend the counting sequence. |
| Common Core standard(s) being assessed (if the task is intended to assess only one part of the standard, underline that part of the standard):   * 1.NBT.2: Understand that the two digits of a two-digit number represent amounts of tens and ones. Understand the following as special cases:  1. 10 can be thought of as a bundle of ten ones – called a “ten.” 2. The numbers from 11 to 19 are composed of a ten and one, two, three, four, five, six, seven, eight, or nine ones. 3. The numbers 10, 20, 30, 40, 40, 50, 60, 70, 80, 90 refer to one, two, three, four, five, six, seven, eight, or nine tens (and 0 ones).  * 1.NBT.1: Count to 120, starting at any number less than 120. In this range, read and write numerals and represent a number of objects with a written numeral |
| Student Materials:   * Assessment sheet * Pencil |
| Teacher Materials: |
| Directions (for teacher to administer assessment task):   * Distribute assessment to students. * Tell students that they will read the riddle and write the correct answer to the riddle. * You can demonstrate what to do with a practice riddle. * Have students work on assessment independently. |
| Teacher Notes:   * Can be administered as an individual, small group or whole class assessment. * For students who have difficulty reading, you may read the riddles for them. |
| Prompt:   * You will be figuring out number riddles. * Read the riddle and figure out what the answer is. * Let’s practice: I am 4 tens and 8 ones. * What is the answer? * (Class will answer - “48”) * That’s correct. * That is what you will do on this assessment. * Read the riddles and write your answer here (point to answer column). * There is an empty blank on the bottom. That is for you to write your own riddle and don’t forget to write the answer to your riddle. |
| Correct or Model Answer:  1. 34  2. 71  3. 29  4. 50  5. 12  6. Answers will vary |

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| **Scoring Guide/Rubric** (a score should be awarded for each criterion below) | | | |
| **Criteria (CCSS code)** | **0 points** | **1 Point** | **2 Point** |
| Understands that a number can be represented in multiple ways.  (1.NBT.2, 1.NBT.1) | * None or few riddles are answered correctly. * Has difficulty or unable to write own riddle and provides a correct answer | * Most of the riddles are answered correctly. * *Able to write own riddle with minor error(s) and provides a correct answer.* | * All riddles are answered correctly * Able to write own riddle and provides a correct answer |

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Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| I am 3 tens and 4 ones. | What number am I? |
| I am 7 tens and 1 ones. | What number am I? |
| I am 2 tens and 9 ones. | What number am I? |
| I am 5 tens and 0 ones. | What number am I? |
| I am 1 tens and 2 ones. | What number am I? |
| Write your own riddle: | What number am I? |