Title: Math Riddles

Subject: Math

Grade: 1

Time: 10-15 minutes

Overview: Students use recall knowledge and arithmetic to solve a math riddles.

Common Core Standards

1. 1.NBT.B.2 Understand that the two digits of a two-digit number represent amounts of tens and ones.
2. 1.NBT.B.3 Compare two two-digit numbers based on meanings of the tens and ones digits, recording the results of comparisons with the symbols >, =, and <.
3. 1.NBT.C.4 Add within 100, including adding a two-digit number and a one-digit number,
4. 1.NBT.C.5 Given a two-digit number, mentally find 10 more or 10 less than the number, without having to count; explain the reasoning used.

Objective: Students will use clues to predict, infer, and recognize patterns,

Materials: Manipulatives, paper, pencil,set of math riddle cards

Procedure for Activity:

Students sit at their desk. Teacher presents the first riddle card. The teacher reads the card and then asks the students to use any of the manipulatives or their pencil and paper to answer the clues.

Teacher tells students to talk to their partners to see if their answers are the same or different.

If the answers are different the students need to ask the teacher to listen to each reasoning of how the students got the answer. Teacher guides students to the correct answer.

Students write the answer on their paper.

Continue through the rest of the riddle cards.

High Ceiling extension: Students who are understanding the concept quickly, work independently to solve problems. When they are finished they will create their own math riddle and then try to complete another student’s own riddle.

Closure: Student debrief of learning. Guide students in a discussion about solving the math problems and the strategies they used.