

 Activity 10.7 BASE-TEN RIDDLES

Base-ten riddles can be presented orally or in written form. In either case, students should use base-ten materials to help solve the riddles. The examples here illustrate a variety of different levels of difficulty. Have students write new riddles when they complete these.

- I have 23 ones and 4 tens. Who am I?
- I have 4 hundreds, 12 tens, and 6 ones. Who am I?
- I have 30 ones and 3 hundreds. Who am I?
- I am 45. I have 25 ones. How many tens do I have?
- I am 341. I have 22 tens. How many hundreds do I have?
- I have 13 tens, 2 hundreds, and 21 ones. Who am I?
- If you put 3 more hundreds with me, I would be 1150. Who am I?
- I have 23 hundreds, 16 tens, and 2 ones. Who am I?

From Van de Walle et. al. (2014). *Teaching Student-Centered Mathematics Grades: Developmentally Appropriate Instruction for Grades 3 – 5* (2nd Ed.). Toronto: Pearson Education, Inc. (p. 161).