

 Activity 10.5 THREE OTHER WAYS

Students work in groups or pairs. First, they show 463 on their desks with base-ten materials in the standard representation. Next, they find and record at least three other ways of representing this number.

A variation of this activity is to challenge students to find a way to show an amount with a specific number of pieces. "Can you show 463 with 31 pieces?" (There is more than one way to do this.) Students in grade 3 can get quite involved with finding all the ways to show a three-digit number.

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. 160).