

Discussion Questions for “Thinking About Place Value in Grade 2”

1. According to the article, what are the two key advantages of our place value system? Give examples of each.
2. What does it mean to understand place value? What does that look like in grade 2, and how would it look in other grades?
3. Using the annotation version of the place value exemplar, choose one of the groups of questions and discuss what is unique or interesting about that set. How could that trait be applied to a mathematical topic that you teach or support?
4. How does this article illustrate the importance of coherence both across grades and within a single grade?
5. What are some concerns regarding the place value worksheet on the last page? Think of and describe a worksheet that you have seen that has similar issues.
6. The shift towards rigor in mathematics asks for a balance of time and energy towards conceptual understanding, procedural skill and fluency, and application. Explain this in the context of place value in 2nd grade. Explain how this would look in a major topic in a grade that you teach or support.