Welcome!

These 13 questions are a great way to jumpstart your book study of *A Guide for Teachers*.

This book is available as part of the Math in Practice resource.

More information at: MathInPractice.com
Question 1

What were you expected to know and do when you were a K-5 math student? How has “math proficiency” changed for students today?
Question 2

How does this change in the meaning of proficiency push us to rethink traditional math teaching practices?
Question 3

What successes or frustrations have you experienced in shifting from “telling” to discovery? What math concepts fit a discovery lesson best?
Question 4

How might teachers help students learn to think like problem solvers?
Question 5

How can content progressions (knowing what comes before or after a skill) support and shape your planning?
Question 6

How can children’s literature provide a context for math ideas? What is a book you’ve used to teach a related math skill or concept?
Question 7

Why is it helpful for students to explore different models for a math concept? Talk about a way you’ve used models for a skill or concept.
Question 8

What is the role of models in solving problems? What models have been particularly helpful for your students?
Question 9

What generates talk in math class? How can we help our students talk productively and precisely? What have you tried?
Question 10

How do you integrate talk and writing into your math lessons?
Question 11

What types of formative assessment have you found particularly helpful? How do you use what you learn?
Question 12

How do you modify math tasks for different learners? How do you decide when modification makes sense?
What is a big idea you take away from this book study? How might your math teaching change going forward?