

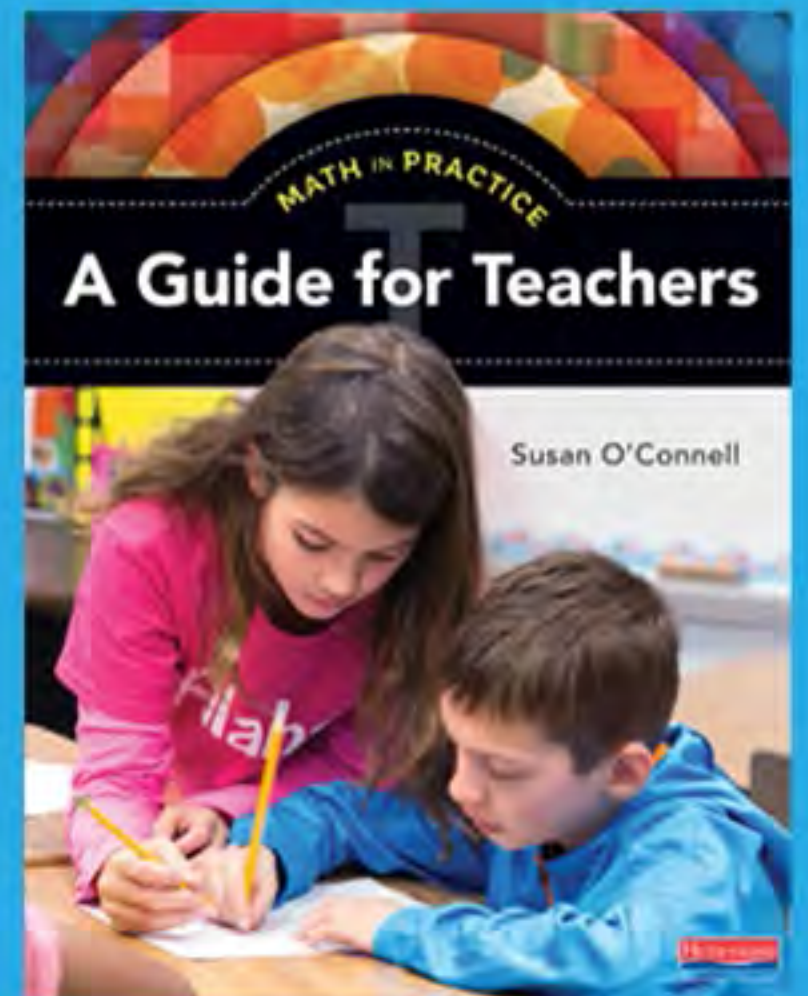
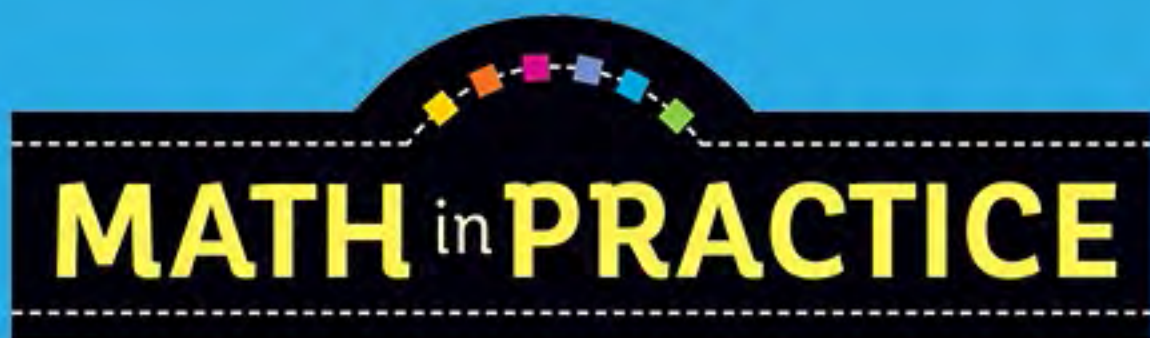
# Welcome!

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?

# Question 13



What is a big idea you take away from this book study?  
How might your math teaching change going forward?