

Hi there! We're so excited that you're starting our workbook, "Bar Modeling: Adventures in Algebra".

So what is bar modeling? Bar modeling is a way of drawing pictures to help solve math problems. The best way to explain is through an example. This example might not make sense right now, but soon you'll have the tools to solve problems this way too!

Question: Leon bought three boxes of pizza rolls and a \$4 carton of juice. In total he spent \$19. How much does one box of pizza rolls cost?



So $p = \$5$!

Bar modeling helps you see the rules of algebra in action!

This workbook will begin with some concepts you might have already seen, but this time you'll learn how to model them with bars.

Now it's time to get started!



Scan here for a
video introduction!

How to use this workbook:

- This book starts with **tutorials** to help you learn all the tools you will need to solve problems using bar modeling!
- Before you start on the problems, read all of the tutorials and do the **practice problems**. There are **answers to the practice problems** in the back of the book. It may be more fun to read the tutorials with a partner!
- After you have done all of the tutorials, you are ready to start the **problems!**
- They may be tricky or confusing at first, but there are examples of solutions throughout the book and **answers in the back of the book.**