EUREKA MATH™ TIPS FOR PARENTS

KEY CONCEPT OVERVIEW

Lessons 7 through 10 focus on rounding numbers to the nearest hundred, thousand, ten thousand, and/or hundred thousand and using rounding skills to make estimates when solving word problems.

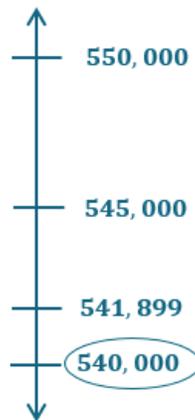You can expect to see homework that asks your child to do the following:

- Round a number to a given place value with and without the use of a **vertical number line**.

- Estimate a **sum** by rounding (e.g., 505,341 + 193,841 ≈ 500,000 + 200,000).

- Solve word problems that involve estimating an answer.

SAMPLE PROBLEM *(From Lesson 8)*

Complete the statement by rounding the number to the given place value. Use the number line to show your work. Explain how you found your answer.

541,899 rounded to the nearest ten thousand is ____**540,000**____.

I know that there are 54 *ten thousands in* 541,899. *That means that* 541,899 *comes between* 540,000 *and* 550,000. 545,000 *is the halfway point. I know that* 541,899 *is less than* 545,000. *That means it is closer to* 540,000.

Additional sample problems with detailed answer steps are found in the *Eureka Math Homework Helpers* books. Learn more at GreatMinds.org.

HOW YOU CAN HELP AT HOME

- Talk to your child about times that you use rounding, such as estimating how many grocery items you can buy with a $20 bill or how many errands you can get done in 60 minutes. Explain your thinking. Have a discussion about times when it makes sense to round and times when it is important to find an exact answer.

- Write a 6-digit number on a piece of paper. Ask your child to round the number to the nearest hundred, nearest thousand, nearest ten thousand, and nearest hundred thousand.

TERMS

Sum: The result of adding two or more numbers (e.g., in 3 + 2 = 5, the number 5 is the sum).

MODELS

Vertical Number Line