## 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 $\approx 500,000+200,000$ ).
- Solve word problems that involve estimating an answer.


## SAMPLE PROBLEM

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.

$$
541,899 \text { rounded to the nearest ten thousand is }
$$

$\qquad$ 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.

## 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



