In this unit your child will:


## - Compare fractions

## - Recognize and generate equivalent fractions

- Represent and compare decimal numbers
- Multiply two-digit numbers with the standard algorithm and other methods

Your child will learn and practice these skills by solving problems like those shown below. Keep this sheet for reference when you're helping with homework. Use the free Math Vocabulary Cards app for additional support: mathlearningcenter.org/apps.


| PROBLEM | COMMENTS |
| :---: | :---: |
| Solve this problem. <br> $32 \times 19=$ $\qquad$ <br> $32 \times 20=640$ <br> $640-32=608$ $\begin{array}{r} 12 \\ \times \quad 19 \\ \hline 288 \\ +320 \\ \hline 608 \end{array}$ | Students are becoming fluent with the standard algorithm and should be able to use it to multiply multi-digit numbers. Some students will have other equally efficient and accurate strategies for solving problems like this one, as shown at far left. |
| Terrell's aunt pays him to help with her yardwork. She pays him \$4 per hour. Terrell's little sister helps him with the work sometimes. For her help, Terrell gives his little sister $\$ 10$. Which expression shows how much money Terrell has left after paying his sister? (The letter $h$ stands for the number of hours Terrell will work for his aunt.) $14 \times h \quad 4+10 \times h \quad 4 \times h-10 \quad 6 \times h$ <br> How much money will Terrell have after working 16 hours and paying his sister? Show all your work. $\begin{aligned} & 4 \times 16-10 \\ & 2 \times 2 \times 16-10 \\ & 2 \times 32-10 \\ & 64-10 \\ & \$ 54 \end{aligned}$ | Students are eventually expected to write their own expressions to represent problem situations. Selecting an expression from a few choices is a step toward that skill. It requires students to think carefully about the relationships among the numbers in the problem. |

## FREQUENTLY ASKED QUESTIONS ABOUT UNIT 7

## Q: Is it OK to let my child use a calculator to solve the problems in this homework?

A: We want fourth graders to become proficient with mental and paper-and-pencil methods for adding, subtracting, multiplying, and eventually, dividing. They need practice to become proficient at these skills, so please ask your student not to use a calculator for now.

