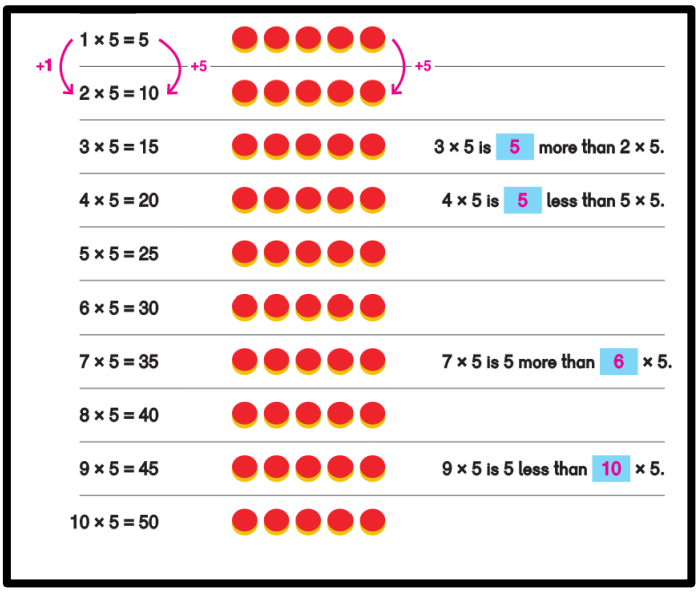
Dimensions Math
Grade 2 Letter Home
Chapter 7 Multiplication and Division of 2, 5, and 10

Home Connection

In this chapter, your child will formalize their knowledge of multiplication and division for facts of 2, 5, and 10.

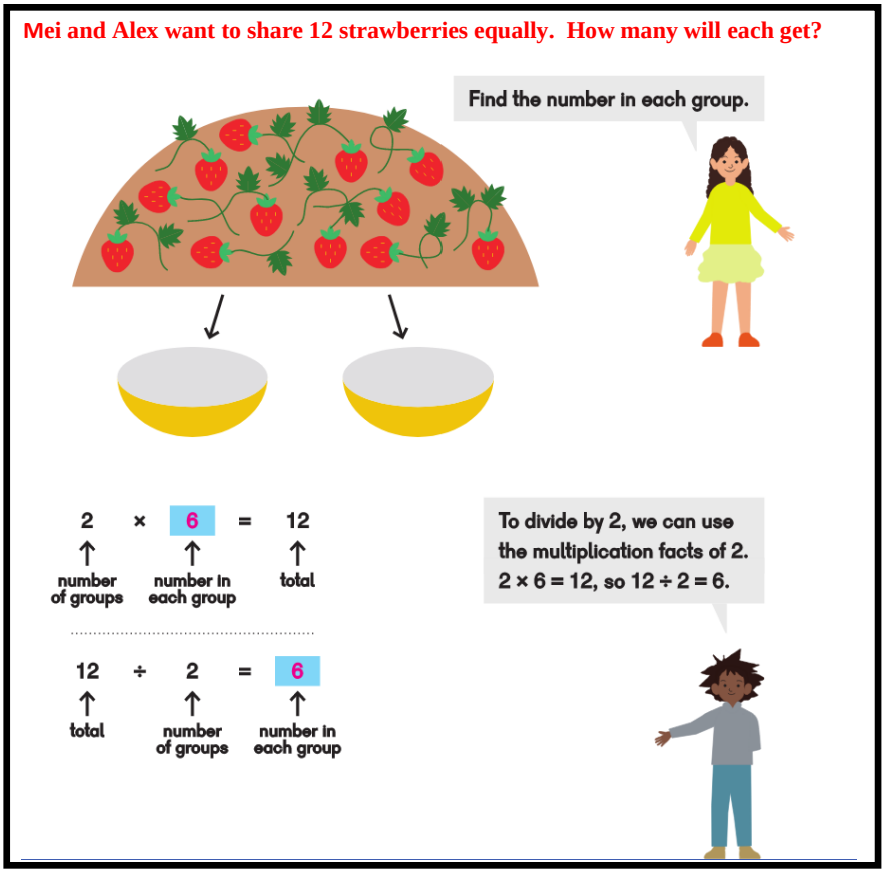
Multiplication:



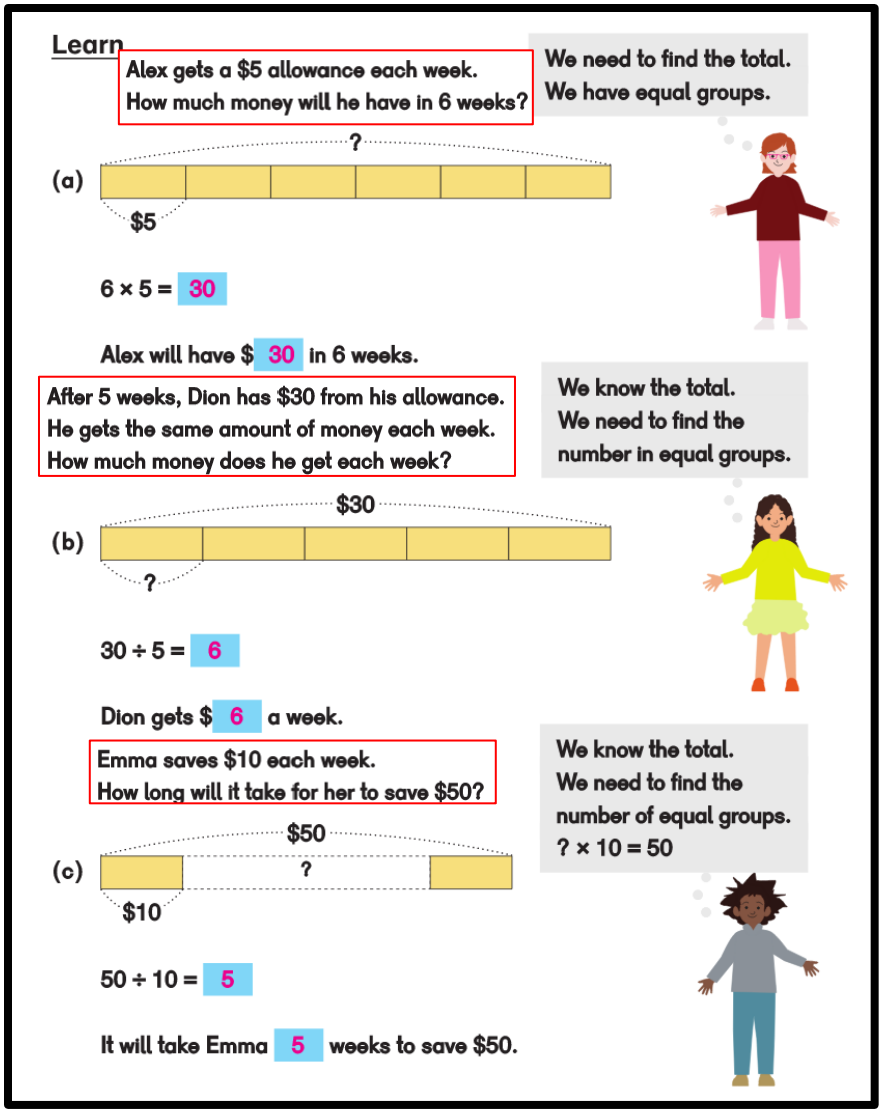
Students will use multiplication tables to assist them in learning these facts. The structure of the multiplication table and related equations help your child understand they can figure out unknown facts from facts they already know.

Division:

Your child will also learn to solve division facts by thinking of a related multiplication fact. Understanding division as the inverse of multiplication is a critical foundational skill.



At the end of the chapter, your child will make use of multiplicative part-whole bar models to solve word problems. Bar models are included as a representational tool to help students understand the quantities in a word problem and their relationships, as well as understand what operations and processes to use to solve them.



What can we do at home?

The goal of this chapter is for your child to use strategies to solve multiplication and division problems for 2, 5, and 10 and then move to fluency with these math facts. Here are some ways to build math fact fluency:

- Practice counting by 2, 5, and 10 forward and **backwards**. It is important to count backwards each time you count forward.
- Practice flash cards for multiplication and division facts of 2, 5, and 10. Sort the cards in 3 piles; ~~ones~~ facts your child knows instantly, ~~ones~~ facts your child knows but ~~has to figure out~~ automatically, and ~~ones~~ facts your child does not know. Celebrate as the pile of ~~the ones~~ facts your child knows grows.
- Play multiplication squares 2-5-10. The directions, game board, and a video are available on our TCA Website. https://www.tcatitans.org/Domain/200
  It is located in the math resources multiplication and division folder.