



Related Activities to Try at Home (page 1 of 2)

Dear Family,

The activities described here are related to the mathematics in the unit *Multiple Towers and Division Stories*. Use the activities to enrich your child's learning experience.

Learning Multiplication Combinations Students are expected to know all of the multiplication combinations (facts) up to 12×12 by the middle of fourth grade. They began this work in the unit *Factors, Multiples, and Arrays*, and they will continue to practice the combinations during this unit. You can help your child practice by using the Multiplication Cards they have prepared at school.

Modeling Division Situations At school, students are solving word problems that represent various types of division situations. Encourage your child to help you solve situations that come up in your daily activities. Here are some examples:

"I baked a batch of 48 cookies for the bake sale. I need to put them into bags of 5. How many bags can I fill with 5 cookies? What can I do with the extra cookies?"

"There are 180 players who will play baseball in teams of 9. How many teams can they make?"

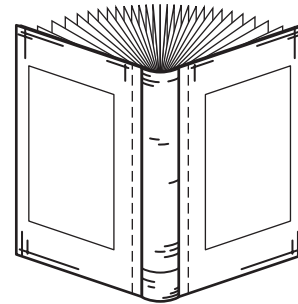
How Did You Solve That? Ask your child to tell you about how he or she is multiplying and dividing. Show that you are interested in these approaches. Because these strategies may be unfamiliar to you, listen carefully to your child's explanation; you might even try to do a problem or two, using the new procedure. Let your child be the teacher!

(continued)



Related Activities to Try at Home (page 2 of 2)

Math and Literature Here are some suggestions of children's books that contain relevant mathematical ideas about multiplication. Look for these books at your local library.



- Anno, Masaichiro. *Anno's Mysterious Multiplying Jar.*
- Tang, Greg. *Grapes of Math.*
- Michelson, Richard. *Ten Times Better.*