

LETTER HOME

Factors and Multiples

Dear Family Member:

During this unit, your child will investigate factors, multiples, primes, and square numbers. Your child will explore patterns in our number system, describe the patterns, and use them to solve problems. Your child will use concrete objects, paper-and-pencil activities, and games to understand how numbers are related. These activities will help with addition, subtraction, multiplication, and division of whole numbers and fractions.

You can help your child to learn more about our number system with the following activities:

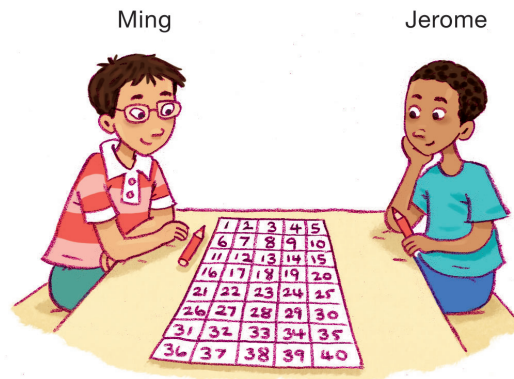
Play Factor Games. Ask your child to play the Factor 20, Factor 40, or, for a challenge, Factor 100 game. For this game, players take turns identifying all the factors of a target number. The directions for these games are in Lesson One.

Play Operation Target. Ask your child to play Operation Target. This game is introduced in Lesson Six. Players use four digits and the operations $+$, $-$, \times , and \div to make different whole numbers.

Play Multiples Cover-Up. Players use a spinner to identify the number or numbers for which they need to find multiples. They then choose a number to cover on their game board that matches the description on the spinner. The first player to cover all the numbers on his or her board wins the game. This game is introduced in Lesson Eight.

Play Number Bingo. In Lesson Nine, your child will play Number Bingo. Players spin a spinner and then cover a number on their board that matches the description on the spinner.

Thank you for taking time to talk with your child about what he or she is learning in math. Please feel free to contact me with any questions, concerns, or comments.



Playing the game *Factor 40* helps students learn how numbers are related.

Sincerely,