

# The Turn-Around Rule for Multiplication

## Home Link 3-10

NAME \_\_\_\_\_

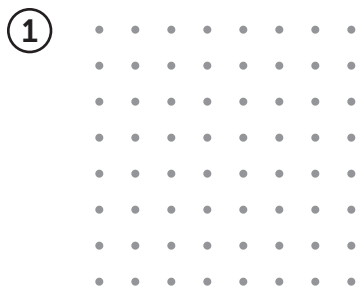
DATE \_\_\_\_\_

TIME \_\_\_\_\_

**Family Note** Today your child explored the *turn-around rule for multiplication*, which says two numbers may be multiplied in either order and the product will remain the same. *For example:*  $2 \times 5 = 10$  and  $5 \times 2 = 10$ . Knowing this rule can help children multiply more easily. Children also took inventory of the facts they can solve quickly and easily and those they still need to practice.

**Please return this Home Link to school tomorrow.**

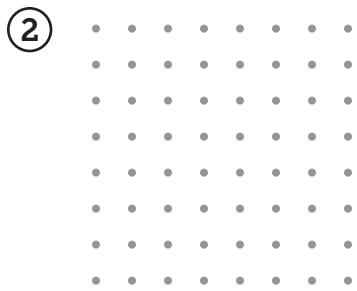
Sketch an array to match each fact. Then sketch that array turned around. Record a number sentence to match the second array.



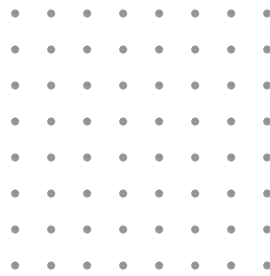
$2 \times 6 = 12$



Number sentence: \_\_\_\_\_



$5 \times 3 = 15$



Number sentence: \_\_\_\_\_

③ Use Problems 1 and 2 to tell someone why the turn-around rule works.

④ Choose a multiplication fact you need to practice. Write a strategy you can use to figure it out.

My fact: \_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_

Strategy: \_\_\_\_\_