

The Turn-Around Rule for Multiplication

Home Link 3-10

NAME _____

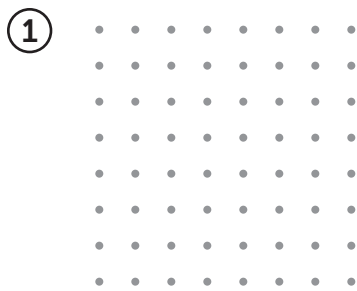
DATE _____

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.

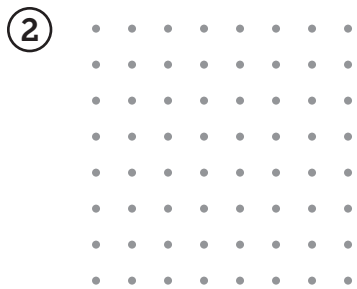
Sketch an array to match each fact. Then sketch that array turned around. Record a number sentence to match the second array.



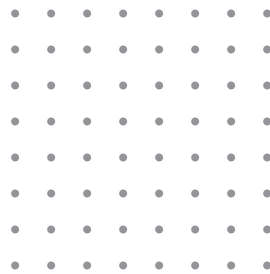
$2 \times 6 = 12$



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: _____