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LESSON 1-3

Arrays and Properties

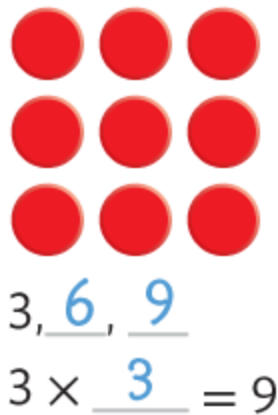
 [MA.3.AR.1.2](#), [MA.3.NSO.2.2](#), [MA.3.AR.1.1](#), [MTR.4.1](#), [MTR.5.1](#)

For more help with this lesson, view the [Visual Learning Animation](#) or the [Another Look Video](#).

MATH HELP AT HOME

Sample Additional Practice Exercise 1

Fill in the blanks to show skip counting and multiplication for the array.



Point to each row as you skip count: 3, 6, 9.

Multiply: 3 rows of 3: $3 \times 3 = 9$.

HOME ACTIVITY

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MATERIALS

Playing Cards

ACTIVITY

Sit next to your child at a table, facing the same direction. Place 5 cards facedown in a row on the table. Have your child place 5 more cards in a row, below yours. Agree that you are looking at 2 rows of 5 cards, a total of 10. Ask your child what the cards show using addition ($5 + 5 = 10$), using multiplication ($2 \times 5 = 10$), and by skip counting (5, 10).

Next, both of you move to a new seat at the table, side by side, so that you are looking at 5 rows of 2 cards instead of 2 rows of 5 cards. Ask your child what the cards show now using addition ($2 + 2 + 2 + 2 + 2 = 10$), using multiplication ($5 \times 2 = 10$), and by skip counting (2, 4, 6, 8, 10). Discuss that the same array of 10 cards shows 2×5 and 5×2 , and it does not matter in which order the two numbers are multiplied to get 10. Repeat the activity by forming arrays of cards that show other products, such as $2 \times 8 = 8 \times 2$ and $4 \times 5 = 5 \times 4$. Change your view and name both products.