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LESSON 3-1

The Distributive Property

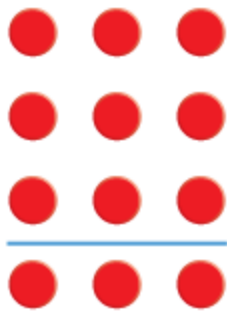
 [MA.3.AR.1.1](#), [MA.3.NSO.2.4](#), [MTR.4.1](#), [MTR.5.1](#)

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

Draw a line to separate the array into two smaller arrays. Write the new facts.



$$4 \times 3 = (\underline{3} \times \underline{3}) + (\underline{1} \times \underline{3})$$

The array has 4 rows of 3 circles which is 4×3 circles. One way to separate the array is to draw a line to break it into 3 rows of 3 circles and 1 row of 3 circles. The top part has 3×3 circles. The bottom part has 1×3 circles. So, $4 \times 3 = 3 \times 3 + 1 \times 3$.

HOME ACTIVITY

Processing math: 25%

Factor Bag

MATERIALS

Paper Scraps, Paper Bag

ACTIVITY

Write the numbers 3–8, one number on each scrap of paper. Put the numbered scraps into a bag and mix them up. Have your child choose two numbers, write a multiplication expression for the numbers, and then draw a matching array. For example, 5×7 would be 5 rows of 7 dots. Ask your child to draw a line between rows in the array and write an equation that shows the facts for the two smaller arrays. For example, $5 \times 7 = 2 \times 7 + 3 \times 7$. Repeat by drawing other scraps from the bag.