

Topic 01 / Lesson 1 ▼

LESSON 1-1

Relate Multiplication and Addition

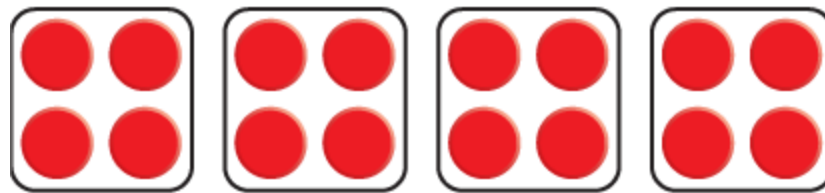
 [MA.3.AR.1.2](#), [MA.3.NSO.2.2](#), [MTR.2.1](#), [MTR.7.1](#)

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

Complete. Use the picture to help.



4 groups of 4

$4 + 4 + 4 + 4 = \underline{16}$

$4 \times \underline{4} = \underline{16}$

Count how many groups there are: 4 groups.

Count how many dots are in each group: 4 dots.

Add to get the total: $4 + 4 + 4 + 4 = 16$ dots.

Or multiply to get the total: $4 \times 4 = 16$ dots.

Processing math: 100%

HOME ACTIVITY

Equal Groups

MATERIALS

Identical Objects (Crackers, Candies, or Pennies)

ACTIVITY

Place 3 objects together on a table to form a group. Have your child make another group of 3 objects, separated from yours. Ask your child how many objects are shown in all (6). Point out that the groups show addition ($3 + 3 = 6$) and multiplication ($2 \times 3 = 6$). Now slide the 6 objects together to form a new group and have your child make two more groups like this. Ask your child what the groups show using addition ($6 + 6 + 6 = 18$) and multiplication ($3 \times 6 = 18$).

Next, ask your child to form 4 equal groups of 5 objects and name the addition ($5 + 5 + 5 + 5 = 20$) and the multiplication ($4 \times 5 = 20$). Then have your child rearrange the objects to form 5 equal groups of 4 objects and name the addition ($4 + 4 + 4 + 4 + 4 = 20$) and the multiplication ($5 \times 4 = 20$). Continue to practice with different numbers.