

Name _____

Multiplication Concepts

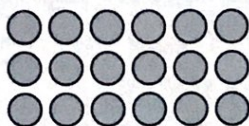
Dear Family,

Your child is learning how to multiply. Help him or her think of multiplication as repeated addition of the same number. For example:

$$5 \times 2 = 2 + 2 + 2 + 2 + 2 = 10$$

or 5 groups of 2 = 10

Your child is also making arrays to show multiplication. The array below shows the multiplication sentence $3 \times 6 = 18$. There are 3 rows with 6 circles in each row. There are 18 circles in all.



Help your child learn multiplication concepts and facts by doing the activity below.

Multiplication Stories and Arrays

Step 1 Give your child a simple multiplication problem, such as 4×3 . Have your child tell you a multiplication story for that fact. Sample story: Jake has 4 bags of apples. There are 3 apples in each bag. How many apples does Jake have in all?

Step 2 Have your child draw an array to solve the problem. Ask your child to write a repeated addition sentence for the array.

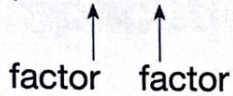
Step 3 Repeat the activity with a different multiplication problem.

Name _____

factors

Numbers that are multiplied to give a product.

Example: $3 \times 8 = 24$



multiplication

An operation that gives the total number when you join equal groups.

array

A way of displaying objects in equal rows.

product

The answer to a multiplication problem.

Example: $3 \times 8 = 24$

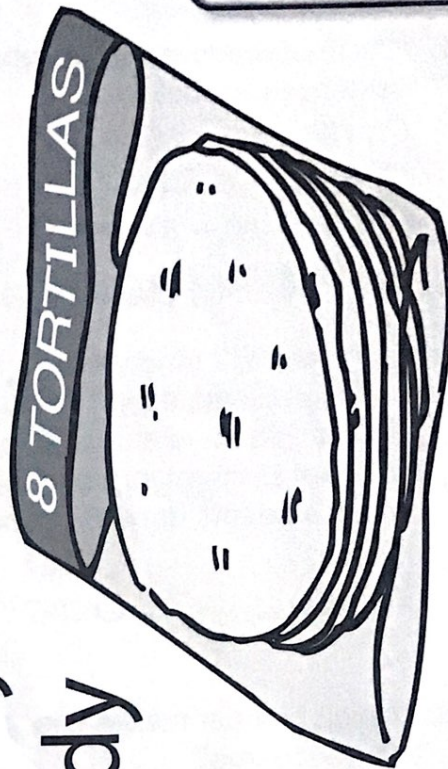


Problem of the Day

6-1

Write a number sentence.
Then solve.

Mr. Brady bought 3 packages
of tortillas. How many
tortillas did Mr. Brady
purchase?



Name _____

Quick Check

6-1

Answer the questions below.

1. Which symbol would you put in the box to make the statement true?

$$5 \blacksquare 5 = 25$$

=

+

-

×

2. Which number sentence shows the best way to find the total number of stars?



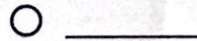
$4 + 4 + 4 = \blacksquare$

$12 + 4 = \blacksquare$

$5 \times 4 = \blacksquare$

$5 + 5 + 5 + 5 = \blacksquare$

3. Which picture shows 4 groups of 2?



4. **Writing to Explain** In what ways are addition and multiplication alike?
In what ways are they different? Explain.