Arrays and Groups Multiplication Problems

Name: _____ Date: _____

Look carefully at each array or group. Use the pictures to help you show multiplication in different ways.

1 Arrays

Count the rows. Use one addend for each row, then complete the multiplication sentence.

Array 1



Repeated addition

___ + ___ + ___ = ___

Multiplication

___ × ___ = ___

Array 2



Repeated addition

___ + ___ = ___

Multiplication

___ × ___ = ___

Array 3



Repeated addition

___ + ___ + ___ + ___ = ___

Multiplication

___ × ___ = ___

2 Equal groups

Each box is one group. Count the groups and the counters in each group.

Look at the counters

How many groups? How many counters in each?

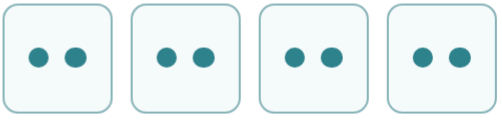


Groups: ___ In each: ___ Altogether: ___

Multiplication: ___ × ___ = ___

Look at the counters

How many groups? How many counters in each?



Groups: ___ In each: ___ Altogether: ___

Multiplication: ___ × ___ = ___

3 Draw and solve

A story problem

There are 4 pots. Each pot has 3 pencils. Draw the groups. How many pencils are there altogether?

Multiplication: _____ × _____ = _____

There are _____ pencils altogether.

Make an array

Draw an array with 2 rows of 6 dots. Then write its multiplication sentence.

Multiplication: _____ × _____ = _____

Finish the sentence: 3 groups of 4 can be written as _____ × _____