

Multiplication & Division

Vocabulary Bunting

PRODUCT

The product is the answer to a multiplication problem.

$$12 \times 15 = 180$$

FACTORS

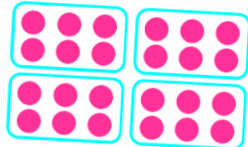
Numbers being multiplied together are factors.

MULTIPLICATION

Making equal groups to find the total.

$$4 \times 6$$

4 groups of 6



$$6 + 6 + 6 + 6$$

ARRAY

$$6 \times 9$$

6 rows of 9



AREA MODEL

$$3 \times 10$$

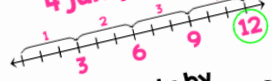
3 rows of 10



Multiplication on a NUMBER LINE

$$4 \times 3$$

4 jumps of 3



Multiply by SKIP COUNTING

count this many times

$$4 \times 3$$

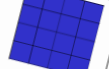
skip by 3

$$3, 6, 9, 12$$

FACT SQUARE

are is the product of
al factors.
and 25 are perfect
ares.

$$4 \times 4 = 16$$



$$3 \times 3 = 9$$



RELATED FACTS

Multiplication and Division are related.
Here is the fact family for 5, 6, and 30.

$$5 \times 6 = 30$$

$$6 \times 5 = 30$$

$$30 \div 5 = 6$$

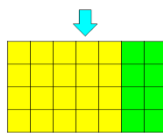
$$30 \div 6 = 5$$

DISTRIBUTIVE

Property of Multiplication

$$4 \times 7$$

You can **BREAK APART** 7 into 5 + 2.



$$(4 \times 5) + (4 \times 2)$$

Fair Share DIVISION

How many in a group?

12 circles are shared equally
between 3 students. How many
shapes will each student get?

$$12 \div 3 = 4$$



Take Out Equal DIVISION

How many groups?

Julia has 20 shapes.
put 4 shapes in each bag.
How many bags?

$$20 \div 4 = 5$$

3rd

GRADE

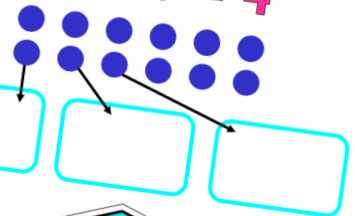
Quick to Hang & Quick to Take Down for storage

(before state testing)



Fair Share
DIVISION
How many in a group?

12 circles are shared equally between 3 students. How many shapes will each student get?

$$12 \div 3 = 4$$


QUOTIENT
The quotient is the answer to a division problem.

$$18 \div 2 = 9$$

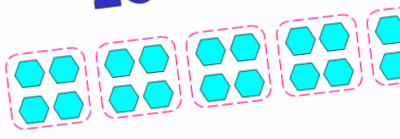
Two types of
DIVISION

Fair Shares
How many in a group?

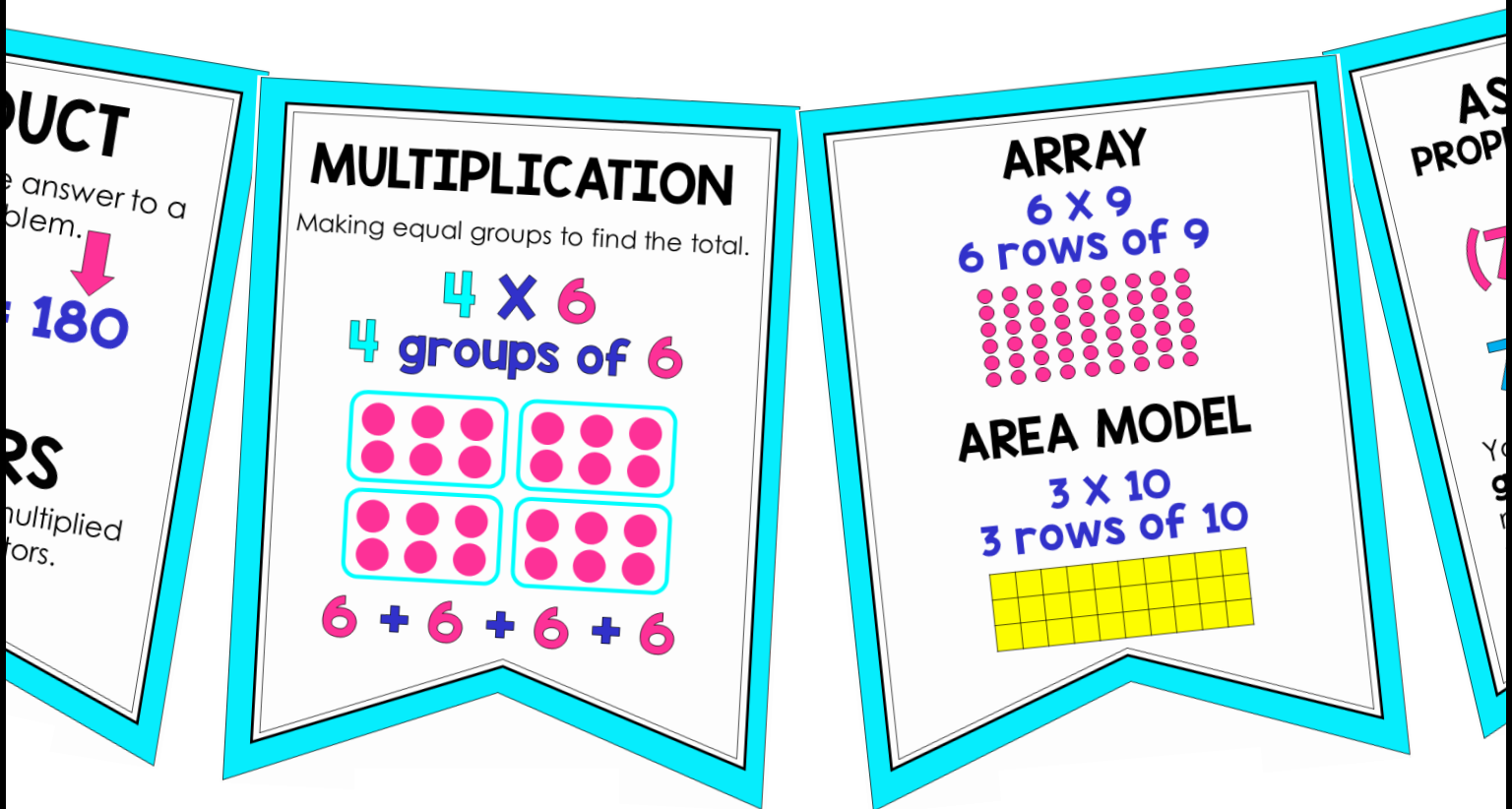
Take out Equal Groups
How many groups?

Take Out Equal Groups
DIVISION
How many groups?

Julia has 20 shapes. She put 4 shapes in each bag. How many bags did Julia use?

$$20 \div 4 = 5$$


14 Easy-to-Use Printable Vocabulary Pennants to **support your students** and brighten your classroom walls.



A **Digital Version** is included as easy-to-use Google Slides for student support in class or at home.

