RECALL

Use <, > or = to make the statements correct.

MULTIPLICATION CALCULATIONS TO USE ARRAYS TO SOLVE Date Learning ladder ref

MULTIPLICATION AND DIVISION

SWE create different arrays with the same total amount.

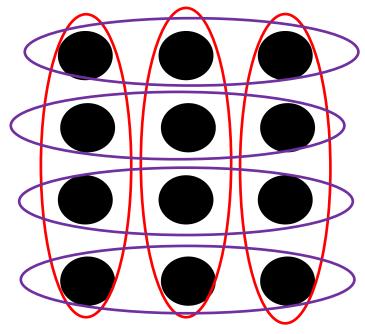
SW draw arrays to represent number sentences.

MW describe arrays with number sentences.

AW circle groups in arrays to show multiplication facts.

13.01.21

GUIDED PRACTICE



This is called an array.

It shows 3×4 and 4×3 . Or, 3 lots of 4 or 4 lots of 3.

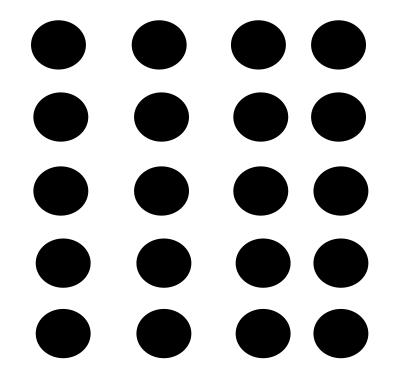
 3×4 is in red.

 4×3 is in purple.



GUIDED PRACTICE

What calculations does this array represent?

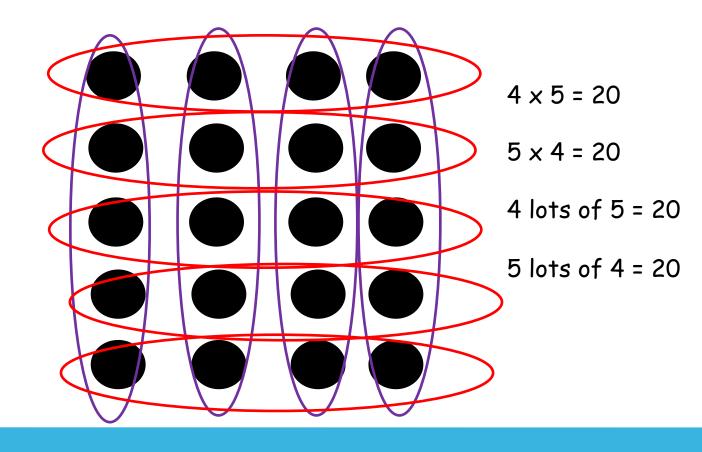






GUIDED PRACTICE

What calculations does this array represent?





INTELLIGENT PRACTICE





On the image, find 2×5 and 5×2



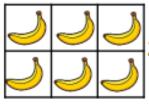


Can you represent this array using another object?

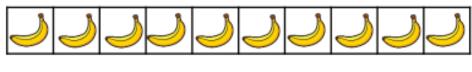




Complete the number sentences to describe the arrays.



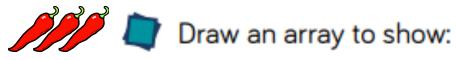
2 × 3 and ___ × ___



____ × ____ and



INTELLIGENT PRACTICE



$$4 \times 5 = 5 \times 4$$

3 lots of 10 = 10 lots of 3





With 12 cubes, how many different arrays can you create?

Once you have created your array complete:

Draw 12 squares instead.





With 12 cubes, how many different arrays can you create?

Once you have created your array complete:

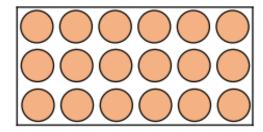
$$1 \times 12 = 12 \times 1$$

$$2 \times 6 = 6 \times 2$$

$$3 \times 4 = 4 \times 3$$



Find different ways to solve six lots of three.



Part of this array is hidden.



The total is less than 16

What could the array be?





Find different ways to solve six lots of Count in 3s three. 3 lots of 3 add 3 lots of 3 5×3 add 1×3 etc. Part of this array is hidden. 4×2 5 x 2 6 x 2 7×2 The total is less than 16 What could the array be?



