Divide by 4



Here are 12 cakes.











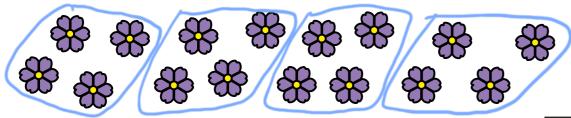
Complete the sentences.

There are 4 plates.

Each plate has 3 cakes.

12 shared into 4 equal groups is 3

2 Circle groups of 4 flowers.

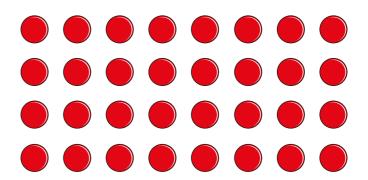


- a) How many groups of 4 flowers did you make?
- 4

b) Complete the sentence.

There are \Box groups of 4 in 16

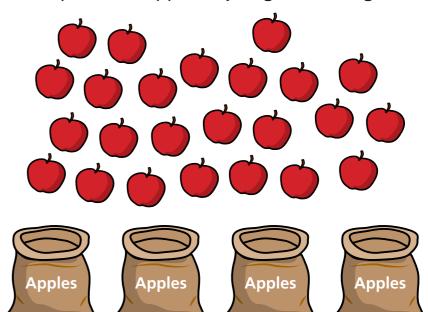




- a) How many groups of 4 are in the array?
- b) Use this to complete the division sentence.

A farmer has 24 apples.

He wants to pack the apples equally into 4 bags.



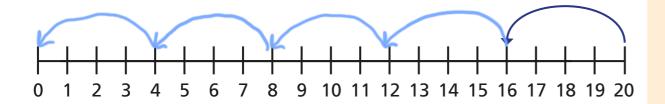
How many apples will be in each bag?

There will be 6 apples in each bag.

There are 20 muffins.

4 muffins fit in 1 box.

Use the number line to work out how many boxes can be filled.



5 boxes of muffins can be filled.

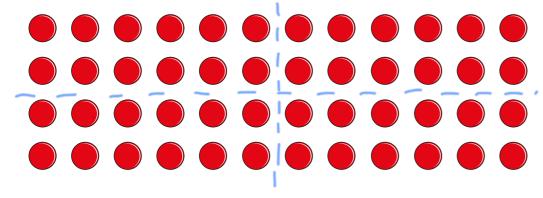
6 Alex is trying to divide 48 by 4



To multiply
by 4, you can double
the number and
double again.

To divide a number by 4, I think you can halve the number and halve it again.

Divide the array to show that Alex's method works.



Does Alex's method always work?



7 Complete the bar model.

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П	11	l1	

Complete the division statement to match the bar model.

8 Mo is working out whether numbers divide equally by both 2 and 4

Complete the table and continue the pattern.

The first one has been done for you.

Number	Divided equally by 2 is	Divided equally by 4 is
2	1	does not divide equally
4	2	
6	3	does not divide equally
8	4	х
10	5	does not divide equally
12	6	3
14	7	does not divide equally
16	8	4

What do you notice?

Various answers.

