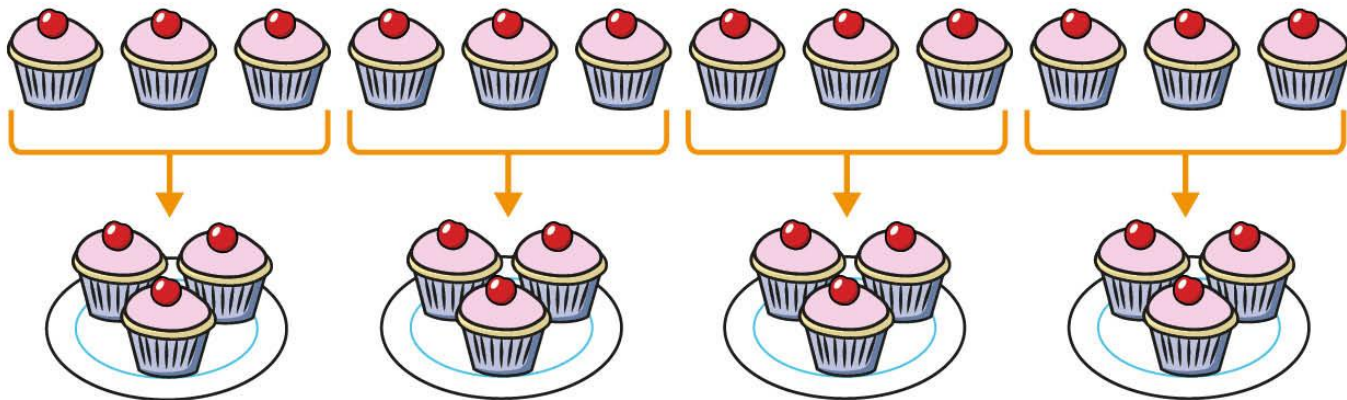


Divide by 4

1 Here are 12 cakes.



Complete the sentences.

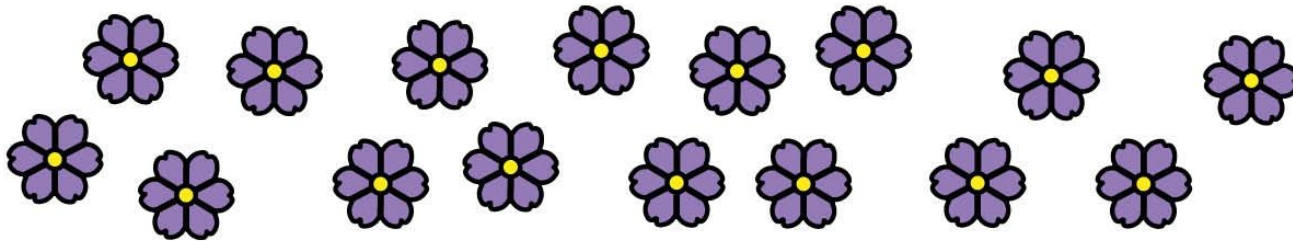
There are plates.



1 Each plate has cakes.

12 shared into equal groups is

2 Circle groups of 4 flowers.

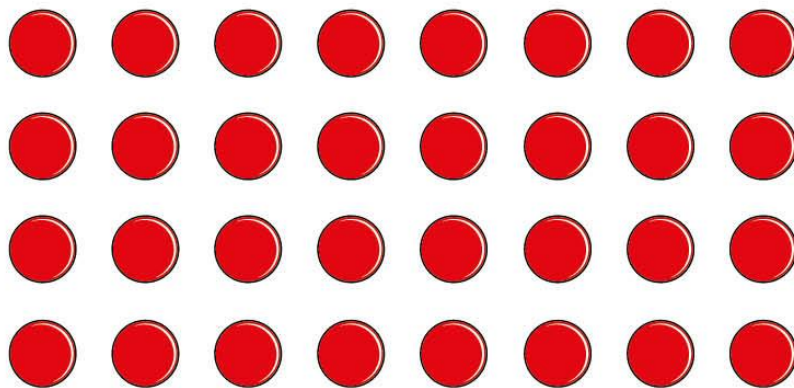


a) How many groups of 4 flowers did you make?

b) Complete the sentence.

There are groups of 4 in 16

3 Eva makes an array with 32 counters.



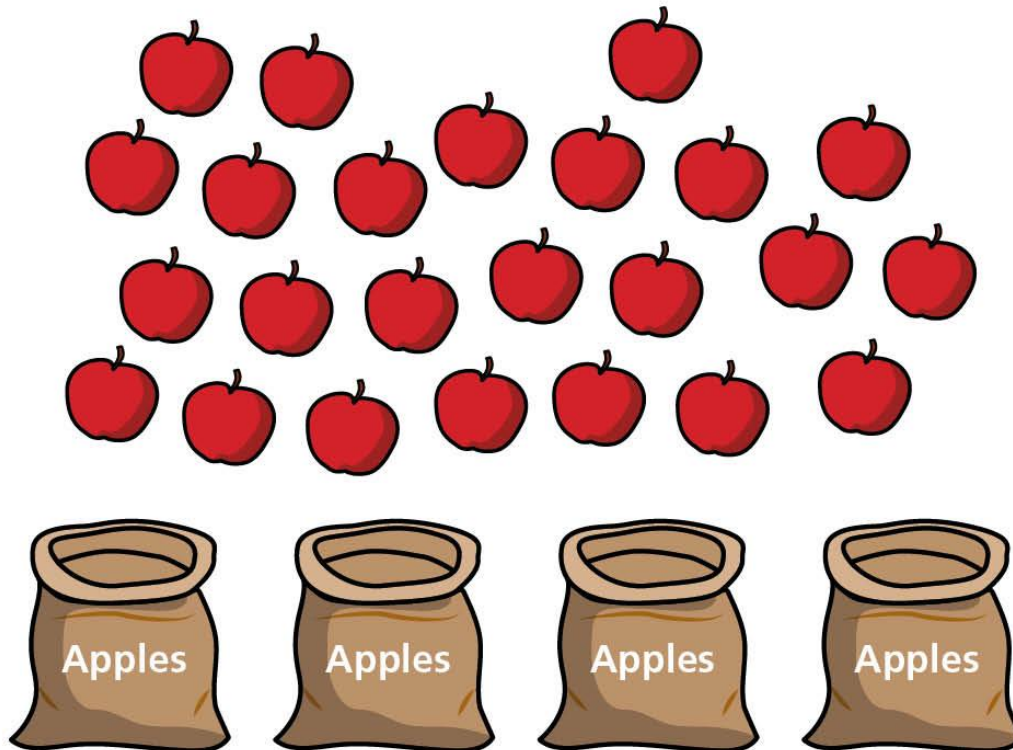
- a) How many groups of 4 are in the array?
- b) Use this to complete the division sentence.



$$32 \div 4 = \square$$

4 A farmer has 24 apples.

He wants to pack the apples equally into 4 bags.



4

How many apples will be in each bag?

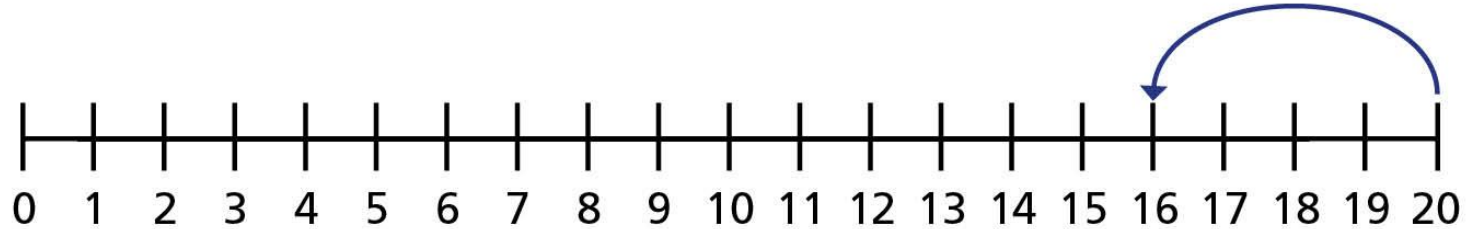
$$\square \div \square = \square$$

There will be apples in each bag.

5 There are 20 muffins.

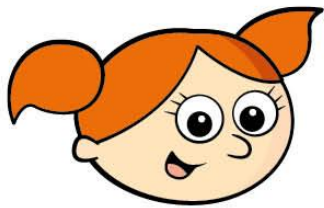
4 muffins fit in 1 box.

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



boxes of muffins can be filled.

6 Alex is trying to divide 48 by 4

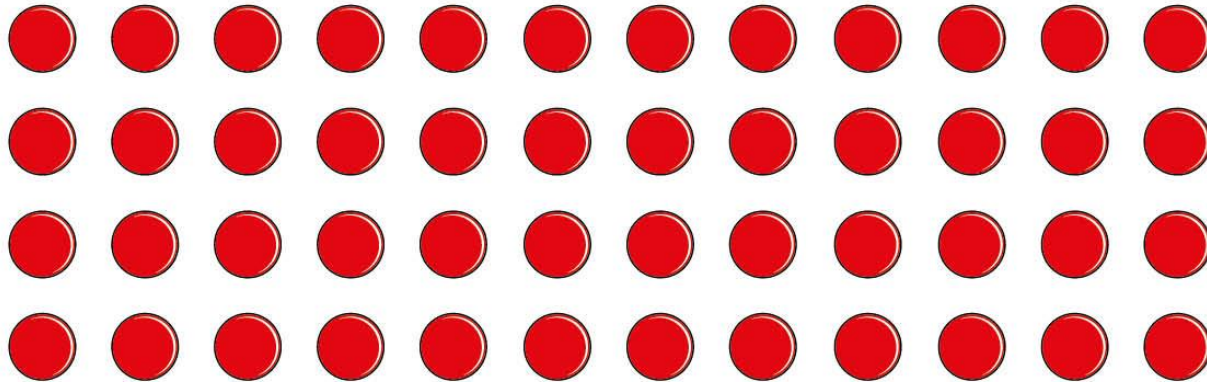


To multiply
by 4, you can double
the number and
double again.

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



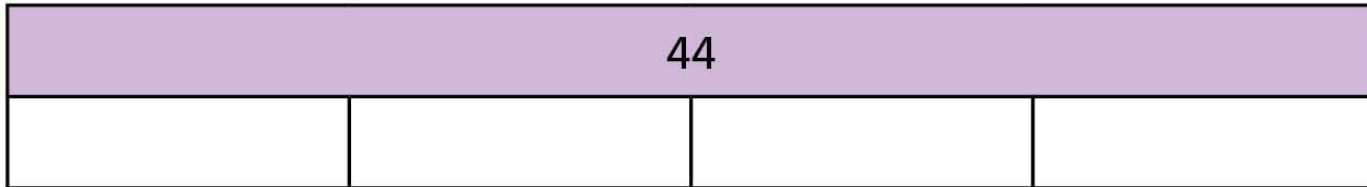
- 6 Divide the array to show that Alex's method works.



Does Alex's method always work?



- 7 Complete the bar model.



Complete the division statement to match the bar model.

$$44 \div \square = \square$$

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		
6		
8		
10		
12		

8

What do you notice?
