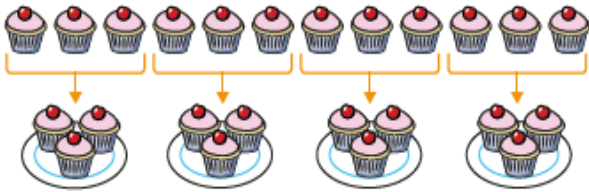**Lesson 1**

Walt: Divide by 4

S2S: I can

- represent groups of 4 in different ways
- count backwards in 4s
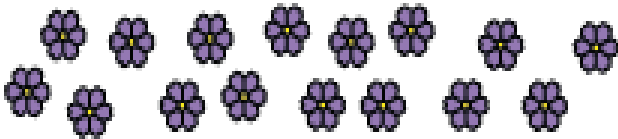- divide by 4

1. Here are 12 cakes

Complete the sentences.

There are ☐ plates.

Each plate has ☐ cakes.

12 shared into ☐ equal groups is ☐

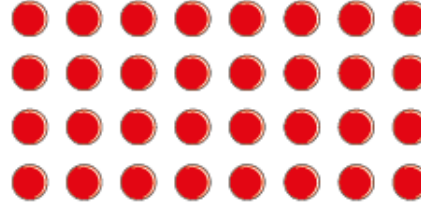**2. Circle groups of 4 flowers**

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

b) Complete the sentence.

There are ☐ groups of 4 in 16

3. Mrs Eades makes an array of 32 red counters.

a) How many groups of 4 are in the array?

b) Use this to complete the division sentence.
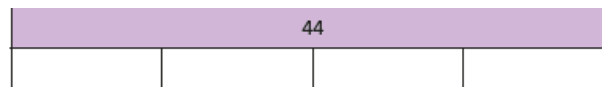
$32 \div 4 =$ ☐

4. There are 20 muffins.

4 muffins fit in 1 box.

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

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

☐ boxes of muffins can be filled.

5. Complete the bar model

44			

Complete the division statement to match the bar model.

$44 \div$ ☐ $=$ ☐

6. Mrs Eades needs your help she is working our whether numbers divide equally by 2 and 4.

Can you investigate for her?

Complete the table and continue the pattern.

The first one has been done for you.

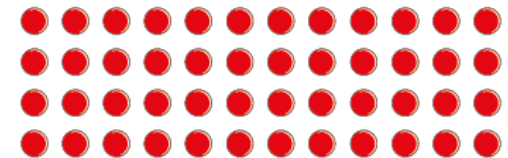| Number	Divided equally by 2 is . . .	Divided equally by 4 is . . .
2	1	does not divide equally
4		
6		
8		
10		
12		

7. Problem solving

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?