



=



+



+















How many groups did you draw?







There are 27 cakes.

A box can hold 3 cakes.

How many boxes of 3 cakes can be filled?

Use the number line to help you.



boxes of 3 cakes can be filled.

Complete the bar model for the division  $33 \div 3 = 11$ 

33

Is there more than one way to do this?



Complete the division statements for each problem.

a) Esther has 21 balloons.

She puts them into 3 party bags.

How many balloons are in each party bag?





b) Nijah has 36 apples.

In each box there are 3 apples.

How many boxes are there?



c) 24 children stand in groups of 3 How many groups are there?



Numbers that follow each other when you count are called consecutive numbers.

Three consecutive numbers can form a staircase.

Here is 4, 5 and 6





When you add three consecutive numbers, the total can always be divided equally by 3 Is this statement correct? Talk about it with a partner.











Colour all the numbers in the 3 times-table.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

What two patterns do you notice?

Work out the missing values in each bar model.

a)						
	3	3	3	3	3	3

b)	36	

Mo has 7 packets of 3 stickers.

Eva has 3 packets of 9 stickers.

Who has the greatest number of stickers? \_\_\_\_\_





a) Complete the multiplications.

Are the answers odd or even? Tick your answer.

## odd



b) What would the next multiplication be?



c) What do you notice about the products?

d) Will the product of 11 × 3 be odd or even?



## even





# Did you find the answers in the same way as your partner?





Match the representations to the number sentences.

Complete the number sentences.



3





Starting from zero, circle the numbers in the 4 times-table. The first one has been done for you.





5

6



What multiplication facts does the array represent?

Complete the multiplications.



Fill in the missing number.



What multiplication is represented?

Complete the multiplication.



7	Teddy has 4 bags of 10 sweets.
	Teddy has sweets.
8	A bottle contains 4 litres of juice Mrs Wilson needs 30 litres of juic She has 12 bottles. Does she have enough juice?
9	
	Do you agree with Ron? Explain your answer.







have?

ce. ice for a party.



To multiply by 4, you take the number you are multiplying and double it twice.







Eva makes an array with 32 counters. 3 a) How many groups of 4 are in the array? b) Use this to complete the division sentence. 32 ÷ 4 = A farmer has 24 apples. He wants to pack the apples equally into 4 bags. Apples Apples Apples How many apples will be in each bag? ÷ = There will be 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.



Complete the bar model. Complete the division statement to match the bar model. 44 ÷ = 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. Divided equally b Number is . . . 2 1 4 6 8 10 12 What do you notice?

Does Alex's method always work?

4	4			

oy 2	Divided equally by 4 is
	does not divide equally

