

Maths Y3 2.4.20

Go to [www. http://www.ictgames.com/funkyMummy/index.html](http://www.ictgames.com/funkyMummy/index.html)

Choose 'Bonds to 20' (your number bonds to 10 will help you. $3 + 7 = 10$ so $13 + 7 = 20$)

Use an inverse

$$3 \times \square = 24$$

$$24 \div 3 = \square$$

Complete the following:

$$3 \times \square = 24$$

$$7 \times \square = 28$$

$$9 \times \square = 27$$

How does knowing that $5 \times 4 = 20$ help you know what 15×4 is?

Talk to your friend about the way you have worked out 15×4 .

Now do the same with the following:

If $3 \times 8 = 24$, what will 13×8 be?

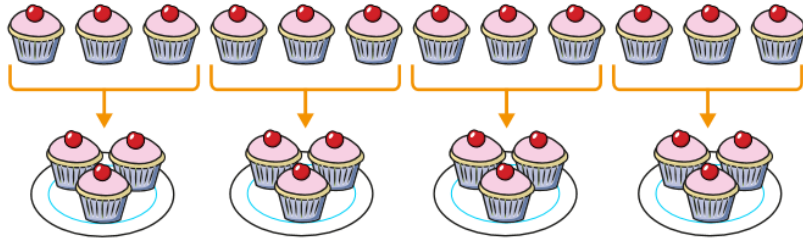
Remember 15 is made of 10 and 5

$$10 \times 4 + 5 \times 4$$

Three children share 24 sweets between them.
If they all have the same number of sweets, how many will each have?
If they left 6 to eat another day, how many sweets did they have then?

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 Eva makes an array with 32 counters.

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

b) Use this to work out $32 \div 4$

4 A farmer has 24 apples.

He wants to pack the apples equally into 4 bags.

How many apples will be in each bag?

5 There are 20 muffins.

4 muffins fit in 1 box.

Use a number line to work out how many boxes 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.

Use an array to show that Alex's method works.

Does Alex's method always work?

