

06.01.21

Equal groups



Good morning, Year 3 ☺

In today's Maths lesson, we are going to be starting our new topic
Multiplication and Division.

Please watch the following video and then work through the slides and activities ☺

<https://vimeo.com/469786596>

If you have **any** questions or would like to send in any work, please email it to:

yearthree@st-jo-st.dudley.sch.uk

Well done everyone, you are all superstars ☺

Love

Miss Robertson xxxx

Starter activities for 06.01.20

Task 1: Find 10 more/less than the middle number.

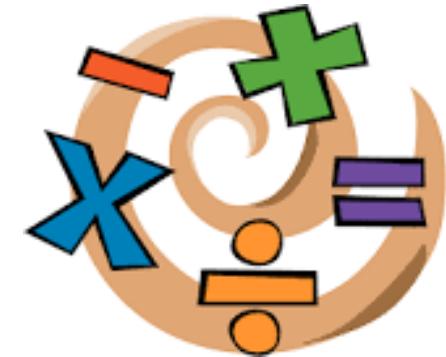
10 - less	Number	10 + more
	13	23
	27	
	56	
22	32	
	98	
	124	
	103	

Task 2: Using each digit card, which numbers can you make?

4 0 8

Use the place value grid to help.

Hundreds	Tens	Ones
0	4	8



Here are some
starter activities
for you to try 😊

Times table practise



$3 \times 1 =$ $3 \times 12 =$

$3 \times 4 =$ $3 \times 5 =$

$3 \times 5 =$ $3 \times 8 =$

$3 \times 9 =$ $3 \times 10 =$

$3 \times 11 =$ $3 \times 6 =$

$3 \times 7 =$ $3 \times 2 =$

$3 \times 10 =$ $3 \times 9 =$

$3 \times 6 =$ $3 \times 3 =$

$3 \times 3 =$ $3 \times 4 =$

$3 \times 0 =$ $3 \times 11 =$

$3 \times 12 =$ $3 \times 7 =$

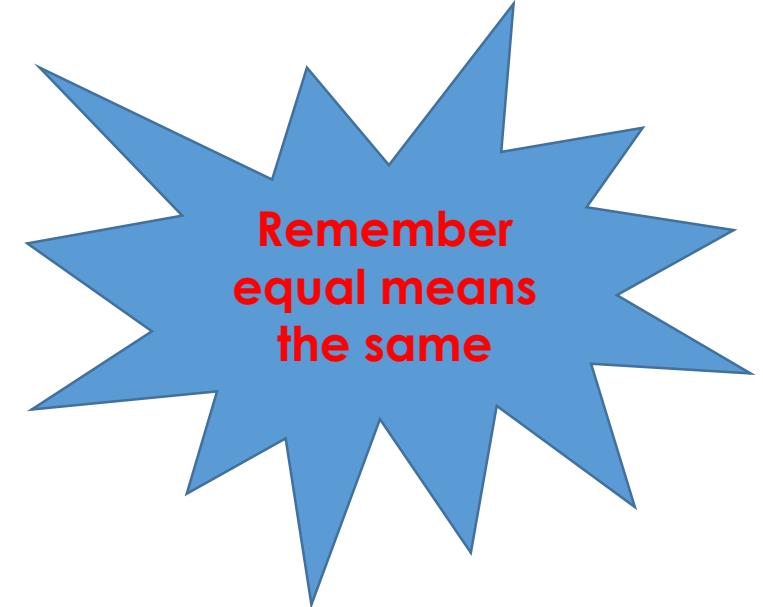
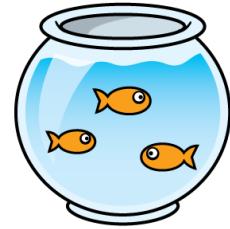
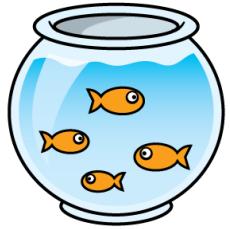
$3 \times 8 =$ $3 \times 9 =$

$3 \times 2 =$ $3 \times 11 =$

$3 \times 0 =$ $3 \times 1 =$

Remember: You can use Times Table Rockstars and YouTube to help you to practise too 😊

Are the groups **equal** or not equal?

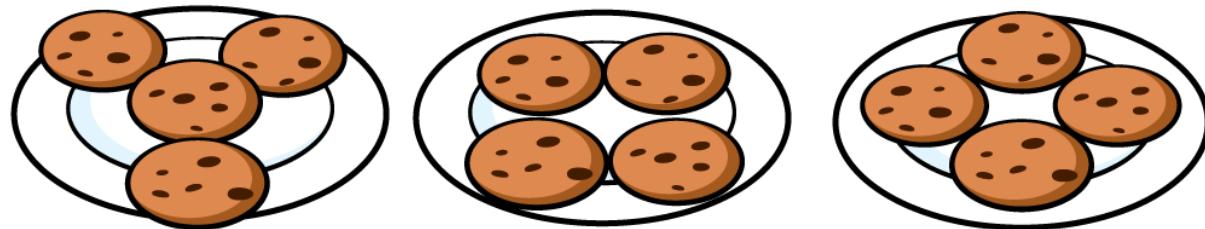


These groups are **not equal**. There are 4 fish in one group and 3 in the other group.

1. Are the groups equal or not equal?

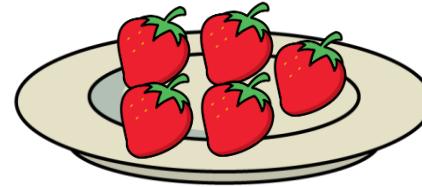
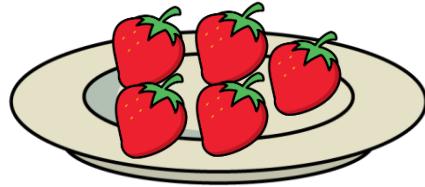


2. Are the groups equal or not equal?



**Answer these
questions.
Remember if the
groups are equal
there will be the
same amount in
each group.**

Let's look at these groups:

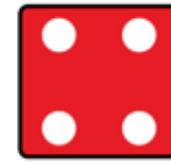
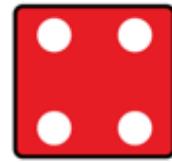


There are 3 plates.

There are 5 strawberries on each plate.

There are 3 equal groups of 5

Let's look at these groups:

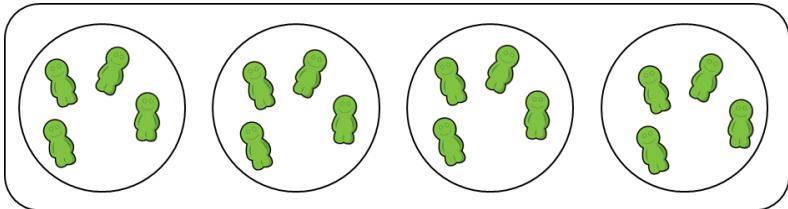


There are 5 dice.

There are 4 spots on each dice.

There are 5 equal groups of 4

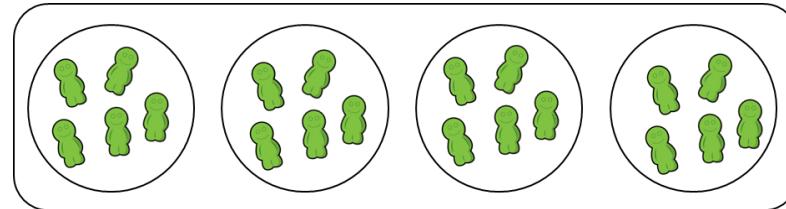
Now it's your turn:



There are ____ plates.

There are ____ bears on each plate.

There are ____ equal groups ____



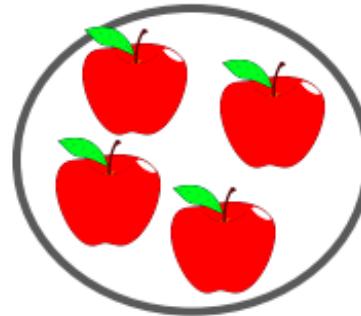
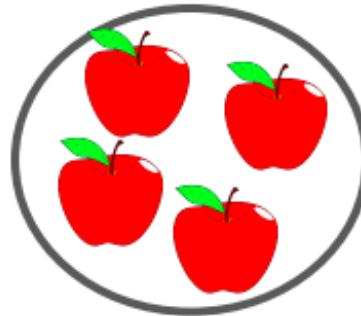
There are ____ plates.

There are ____ bears on each plate.

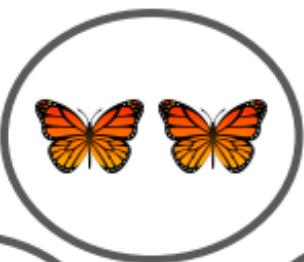
There are ____ equal groups ____

Now it's your turn:

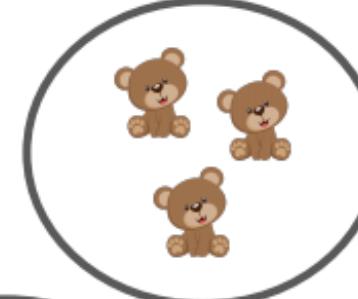
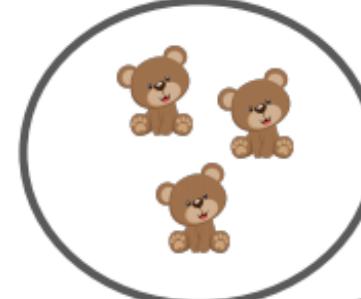
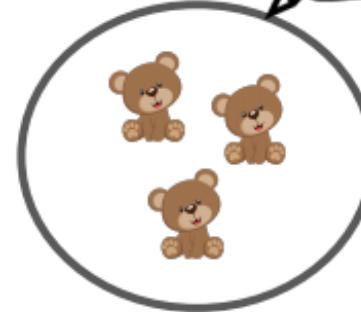
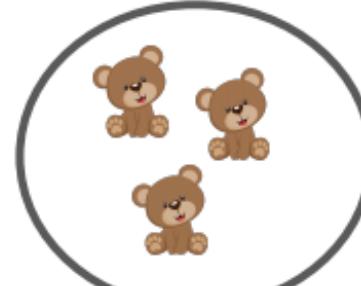
1.



2.



3.



Complete the following sentences for each picture.

Miss Robertson's example:

There are 2 groups. There are 4 apples in each group. There are 2 equal groups of 4.

Independent practice:



Complete the sentences to describe the groups.

a)

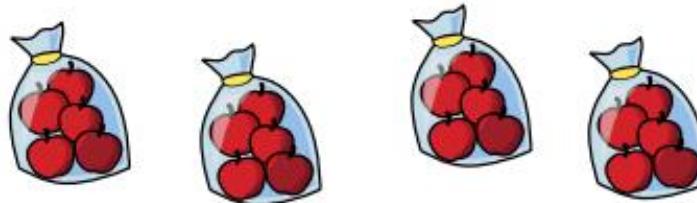


There are plates.

Each plate has cakes.

There are equal groups of

b)



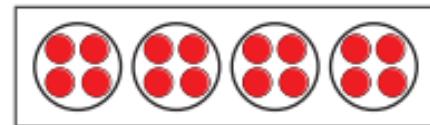
There are bags.

Each bag has apples.

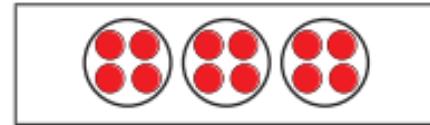
There are equal groups of

Match the statements to the representations.

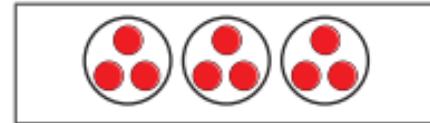
3 equal groups of 4



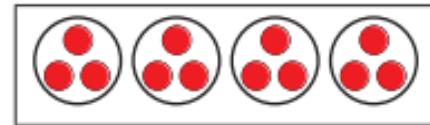
3 equal groups of 3

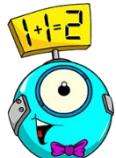


4 equal groups of 3



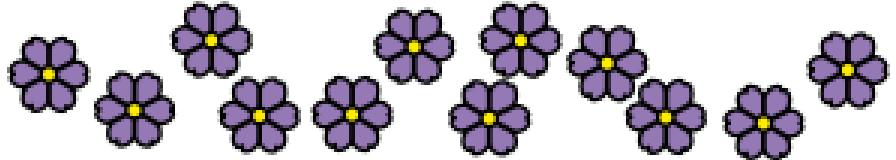
4 equal groups of 4





Deepen it:

Have a go at these challenge questions. You might like to use pasta or buttons to make each amount.



- a) How many ways can you arrange the flowers into equal groups?
- b) How do you know you have found all the ways?

e.g.

Find 12 pasta shells.

How many equal groups can you make?

Can you make 2 groups? How many pasta shells will be in each one?



Arrange the coins into 3 equal groups.

How many coins are there in each group?



Independent practice answers:

Complete the sentences to describe the groups.

a)

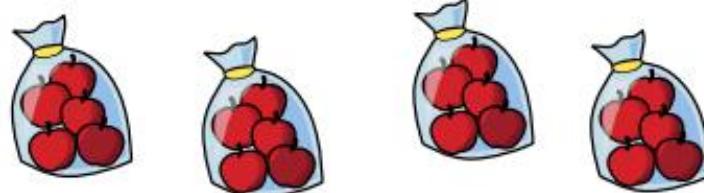


There are plates.

Each plate has cakes.

There are equal groups of

b)



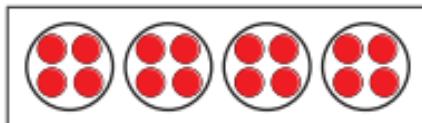
There are bags.

Each bag has apples.

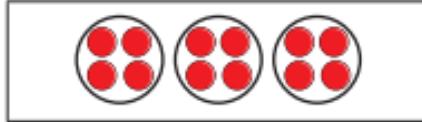
There are equal groups of

Match the statements to the representations.

3 equal groups of 4



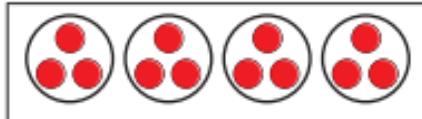
3 equal groups of 3



4 equal groups of 3

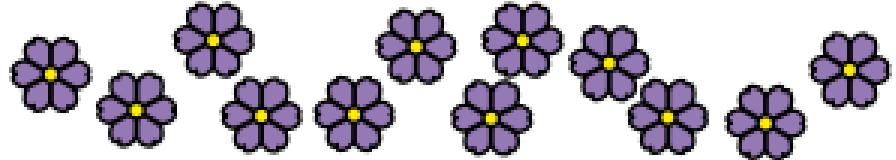


4 equal groups of 4





Deepen it: Answers



- a) How many ways can you arrange the flowers into equal groups?
- b) How do you know you have found all the ways?

**1 equal group of 12, 2 equal groups of 6, 3 equal groups of 4
4 equal groups of 3, 6 equal groups of 2, 12 equal groups of 1**



Arrange the coins into 3 equal groups.

How many coins are there in each group?

There will be 3 equal groups of 2

e.g.
**Find 12 pasta shells.
How many equal groups can you make?
Can you make 2 groups? How many pasta shells will be in each one?**



IN MY Galaxy



YOU'RE a
SUPERSTAR!

Thank you for working so hard.
You are all amazing ☺
Please send in any work to:
yearthree@st-jo-st.dudley.sch.uk

