WELCOME

to today's Maths lesson

13.01.21
Divide by 3

ENJOY!

13.01.21
Divide by 3

Good morning, Year 3.

In today's Maths lesson, we are going to be continuing with Multiplication and Division.

Please watch the following video and then work through the slides and activities:
https://vimeo.com/475444308

If you have any questions or would like to send in any work, please email it to:
yearthree@st-jo-st.dudley.sch.uk

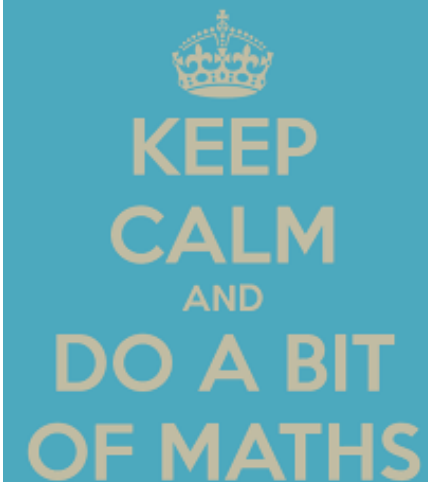Well done everyone, you are all superstars ☺

Love
Miss Robertson xxxx

Starter activities:

Task 1: Answer the following addition questions:

1) 130 + 40 =
2) 100 + 90 =
3) 240 + 20 =
4) 260 + 100 =
5) 332 + 120 =
6) 480 + 210 =
7) 356 + 281 =
8) 634 + 428 =

Task 2: Can you complete the times tables?

3 x 1 =	3 x ___ = 21
3 x ___ = 6	3 x 8 =
3 x 3 =	3 x 9 =
3 x 4 =	3 x ___ = 30
3 x ___ = 15	3 x 11 =
3 x 6 =	3 x 12 =

KEEP CALM AND DO A BIT OF MATHS

Deepen it:

What questions needed regrouping?

Task 3: Complete the number tracks.

100		200	250		

900		800	750		

Times table practise:

29	9	24	31
3	35	12	28
8	21	6	21
12	20	3	17
11	24	19	33
4	30	5	27
16	6	9	32
23	36	2	6
18	22	36	14
27	26	1	27
10	33	18	5
7	15	15	8
34	18	3	32
15	13	36	14
30	25	28	33

For each one circle/ write down the multiple of 3. What times table gives you that answer?

E.g.
    29   9
9 is the multiple of 3.
3 x 3 = 9

Remember, you can also logon to TTRS to practise too :D

1
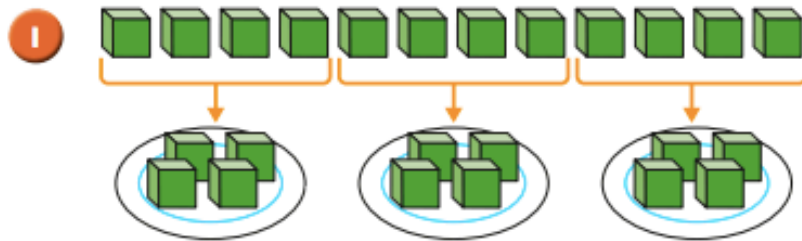
Complete the sentences.

There are 12 cubes.
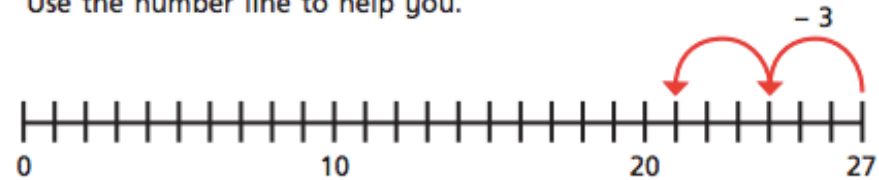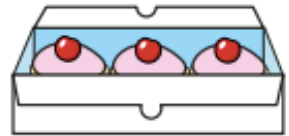
There are ☐ plates.

Each plate has ☐ cubes.

12 divided into ☐ equal groups is ☐

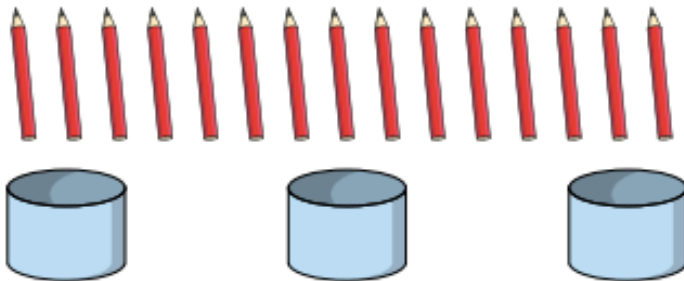There are 27 cakes.

A box can hold 3 cakes.

How many boxes of 3 cakes can be filled?

Use the number line to help you.

− 3

0   10   20   27

2 Mo has 15 pencils.

He shares them equally into 3 pots.

How many pencils will there be in each pot?

3 Divide 18 counters into groups of 3 counters.

Draw a picture to show what this would look like.

Here's some extra practise questions ☺
Use you knowledge of your 3 times table to help OR use things like pasta and put them into groups.

21 ÷ 3 =

12 ÷ 3 =

6 ÷ 3 =

18 ÷ 3 =

27 ÷ 3 =

30 ÷ 3 =

15 ÷ 3 =

3 ÷ 3 =

15 ÷ 3 =

24 ÷ 3 =

9 ÷ 3 =

Deepen it:

Can you write a division number story for one of the questions?
e.g. Miss Robertson has 27 sweets. She shares them equally between 3 children. How many sweets does everyone get?

Deepen it:

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?

Use something you have in your house like pasta

Share 33 cubes between 3 groups.

Complete:
There are 3 groups with _____ cubes in each group.
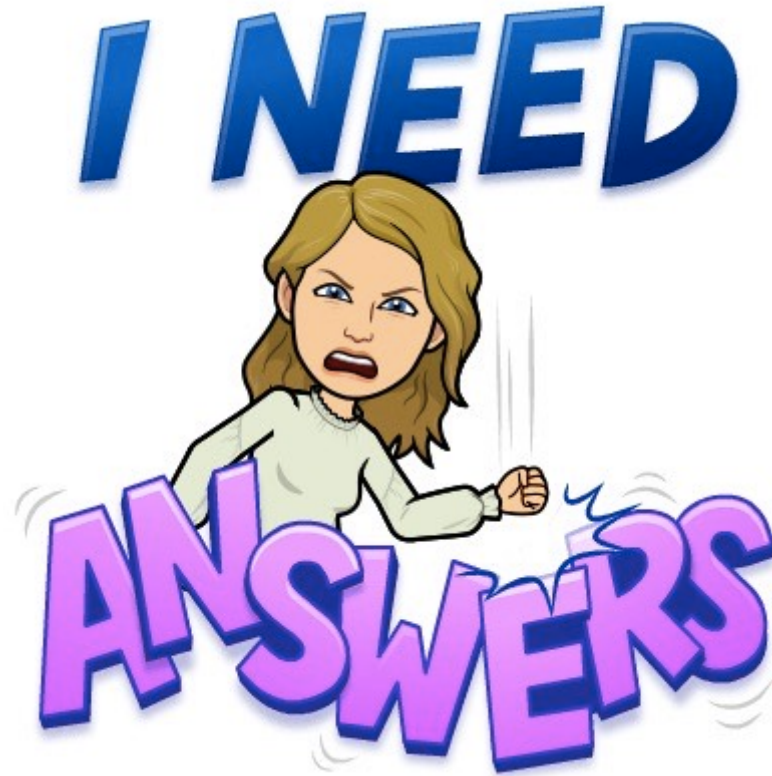$33 \div 3 = $ _____

Put 33 cubes into groups of 3

Complete:
There are _____ groups with 3 cubes in each group.
$33 \div 3 = $ _____

What is the same about these two divisions?
What is different?

Answers are coming up on the next slide. No peeking until you have completed the questions ☺
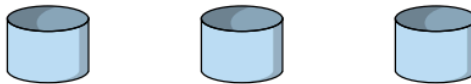
Complete the sentences.

There are 12 cubes.

There are 3 plates.

Each plate has 4 cubes.

12 divided into 3 equal groups is 4

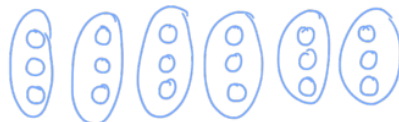**2** Mo has 15 pencils.

He shares them equally into 3 pots.

How many pencils will there be in each pot?

There will be 5 pencils in each pot.

3 Divide 18 counters into groups of 3 counters.

Draw a picture to show what this would look like.

How many groups did you draw? 6

I NEED ANSWERS

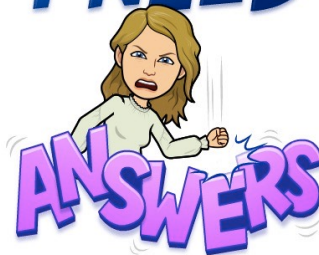| $21 \div 3 =$ | 7 |
$12 \div 3 =$	4
$6 \div 3 =$	2
$18 \div 3 =$	6
$27 \div 3 =$	9
$30 \div 3 =$	10
$15 \div 3 =$	5
$3 \div 3 =$	1
$15 \div 3 =$	5
$24 \div 3 =$	8
$9 \div 3 =$	3

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?

$21 \div 3 = 7$

b) Nijah has 36 apples.

In each box there are 3 apples.

How many boxes are there?

$36 \div 3 = 12$

c) 24 children stand in groups of 3

How many groups are there?

$24 \div 3 = 8$

Share 33 cubes between 3 groups.

Complete:
There are 3 groups with _____ cubes in each group.
$33 \div 3 =$ _____

Put 33 cubes into groups of 3

Complete:
There are _____ groups with 3 cubes in each group.
$33 \div 3 =$ _____

What is the same about these two divisions?
What is different?

The number sentences are both the same.
The numbers in each number sentence mean different things.
In the first question, the '3' means the number of groups the cubes are shared into because the cubes are being shared.
In the second question, the '3' means the size of each group.

Thank you for working so hard.
Please send in any photos of your work or any questions you have to yearthree@st-jo-st.dudley.sch.uk

It is always a pleasure to see all of your work.