WELCOME

to today's Maths lesson
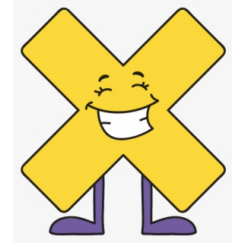
18.01.21
Divide by 4

ENJOY!

18.01.21
Multiply by 4

Good morning, Year 3.

In today's Maths lesson, we are going to be continuing with Multiplication and Division and looking at **dividing by 4**.

Please watch the following videos and then work through the slides and activities:
https://vimeo.com/477072164

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: Noggle

5	100	48
55	10	30
20	2	3

How many ways can you make 50?

Only use the numbers in the square once.

Task 2: Can you complete these times-tables questions?

1) 5 x 4 =
2) 2 x 12 =
3) 3 x 8 =
4) 4 x 5 =
5) 5 x 5 =
6) 2 x 6 =
7) 5 x 7 =
8) 1 x 4 =
9) 3 x 9 =
10) 4 x 10 =

Task 3: Can you round these numbers to the nearest 100?

Number	Nearest 100	Number	Nearest 100
203	200	150	
457		349	
830		566	
904		784	
121		332	

KEEP CALM AND DO A BIT OF MATHS

Times table practise:

Tables grids

x	2	3	5	10
5	2 x 5 = 10	3 x 5 = 15	5 x 5 = 25	5 x 10 = 50
2				
4				
8				
3				
7				
9				
6				
10				

Work your way through the grid by multiplying the number on the top by the number on the side. I have done the first row for you to show you ☺

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

Today, we will be continuing to look at the 4 times table.

Here are some useful links/ games/ videos to help you:

- **4 times table song**
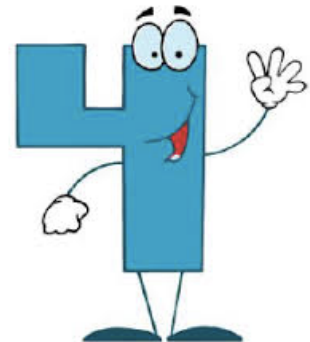https://www.youtube.com/watch?v=lZ4ooLN7Bmo

- **4 times table super movers**
https://www.bbc.co.uk/teach/supermovers/ks1-maths-the-4-times-table-with-cyril-the-swan/zmsw382

- **Hit the button**
https://www.topmarks.co.uk/maths-games/hit-the-button

Multiplication grid
Use this to help you if you need to ☺
Remember, the 4 times table is just double the 2 times table.

X	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

Divide by 4

1 Here are 12 cakes.
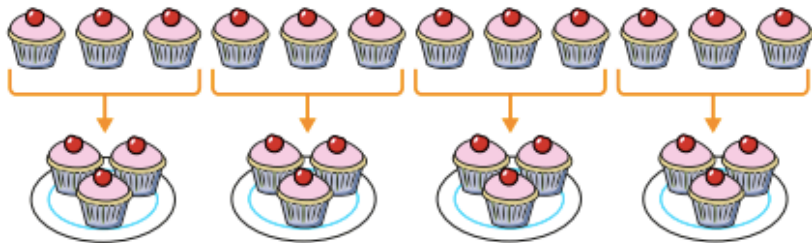
Complete the sentences.

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

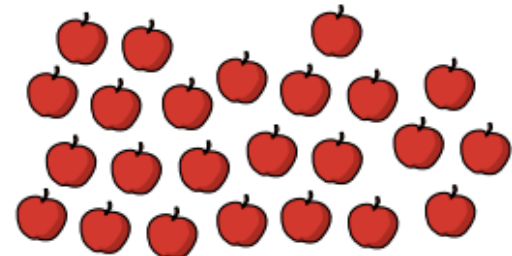**3** Eva makes an array with 32 counters.

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

b) Use this to complete the division sentence.

$32 \div 4 =$ ☐

4 A farmer has 24 apples.

He wants to pack the apples equally into 4 bags.

How many apples will be in each bag?

☐ $\div$ ☐ $=$ ☐

There will be ☐ apples in each bag.

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PRACTICE makes perfect

$36 \div 4 =$	$16 \div 4 =$
$24 \div 4 =$	$40 \div 4 =$
$8 \div 4 =$	$28 \div 4 =$
$40 \div 4 =$	$8 \div 4 =$
$36 \div 4 =$	$20 \div 4 =$
$24 \div 4 =$	$4 \div 4 =$
$4 \div 4 =$	$12 \div 4 =$
$24 \div 4 =$	$28 \div 4 =$
$12 \div 4 =$	$20 \div 4 =$
$20 \div 4 =$	$32 \div 4 =$

Deepen it:

Five children are playing a game.

They score 4 points for every bucket they knock down.

Mo	16
Eva	28
Tommy	12
Amir	32
Dora	8

How many buckets did they knock down each?
How many buckets did they knock down altogether?
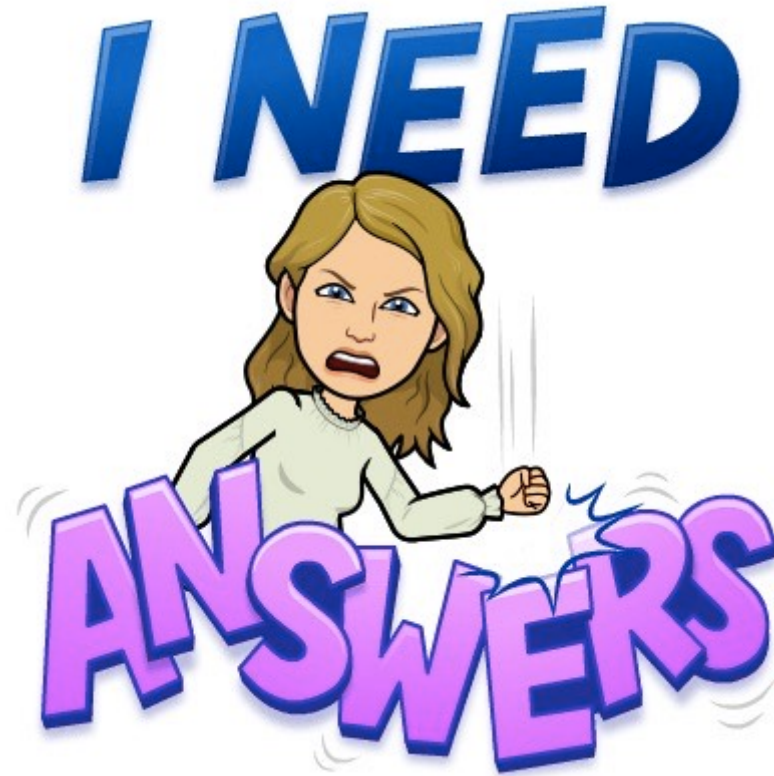How many more buckets did Eva knock down than Mo?

There are some cars in a car park.
Each car has 4 wheels.
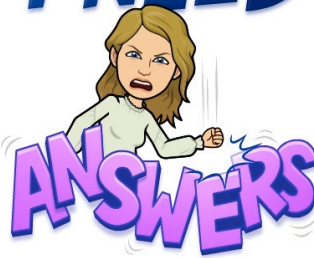In the car park there are 32 wheels altogether.
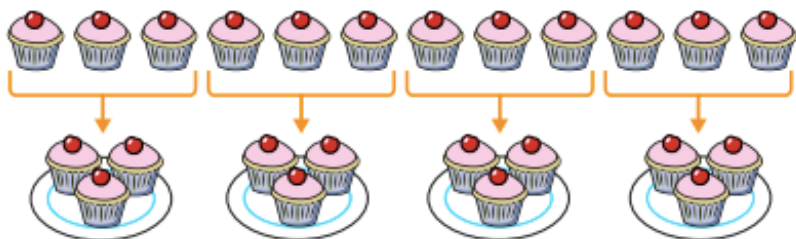How many cars are there?

_____ ÷ _____ = _____

Answers are coming up on the next slide. No peeking until you have completed the questions ☺
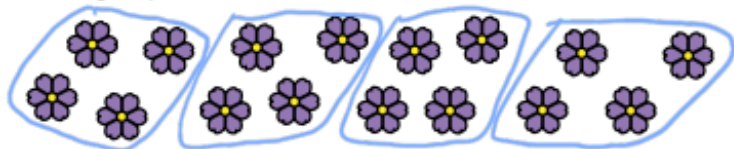
Divide by 4

1 Here are 12 cakes.

Complete the sentences.

There are | 4 | plates.

Each plate has | 3 | cakes.

12 shared into | 4 | equal groups is | 3 |

2 Circle groups of 4 flowers.

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

b) Complete the sentence.

There are | 4 | groups of 4 in 16

3 Eva makes an array with 32 counters.
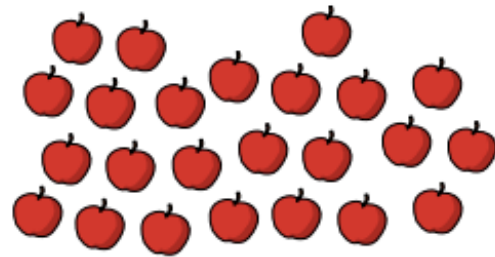

a) How many groups of 4 are in the array? | 8 |

b) Use this to complete the division sentence.

32 ÷ 4 = | 8 |

4 A farmer has 24 apples.
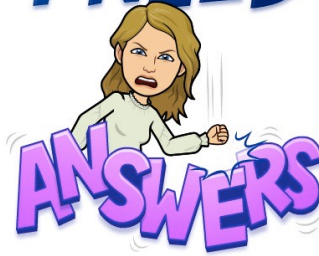
He wants to pack the apples equally into 4 bags.

How many apples will be in each bag?

| 24 | ÷ | 4 | = | 6 |

There will be | 6 | apples in each bag.

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Five children are playing a game.

They score 4 points for every bucket they knock down.

4 4 4 4 4
4 4 4 4

Mo	16
Eva	28
Tommy	12
Amir	32
Dora	8

How many buckets did they knock down each?
How many buckets did they knock down altogether?
How many more buckets did Eva knock down than Mo?

Mo = 4 buckets.

Eva = 7 buckets.

Tommy = 3 buckets.

Amir = 8 buckets.

Dora = 2 buckets.

They knocked down 24 buckets altogether.

Eva knocked 3 more buckets down than Mo.

There are some cars in a car park.
Each car has 4 wheels.
In the car park there are 32 wheels altogether.
How many cars are there?

$32 \div 4 = 8$

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.