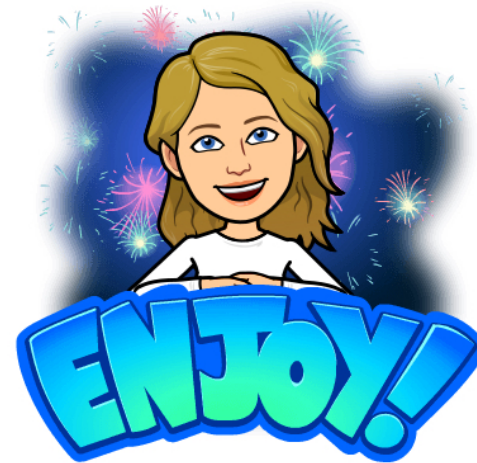# WELCOME

to today's Maths lesson

19.01.21
4 times table

ENJOY!

19.01.21
4 times table

Good morning, Year 3.

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

Please watch the following videos and then work through the slides and activities:
https://vimeo.com/480759672

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:

Today's Tough Ten

1	$20 - 14 =$
2	$= 100 - 20$
3	$= 8 \times 5$
4	$20 = 7 +$
5	$27 + 25 =$
6	$30 \div 10 =$
7	$55 \div 5 =$
8	$7 \times 10 =$
9	$32 + 29 =$
10	$20 - 6 =$

Task 2:

	2	6	2			4	6	6				5	9			5	3	1
+	5	2	8		+	1	1	8		+	7	2	5		+	1	1	9

	6	1	4			4	5	7			2	4	2			5	6	5
+	2	2	8		+	3	1	8		+	4	2	9		+	1	2	8

Times table practise:

x	3	4	2
8	3 x 8 = 24	4 x 8 = 32	2 x 8 = 16
12			
7			
5			
3			

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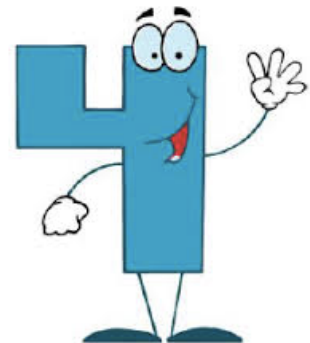
Here are some useful links/ games/ videos to help you:

- **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

The 4 times-table

1 Complete the multiplication.

a)

$$\boxed{} \times \boxed{} = \boxed{}$$

b)

$$\boxed{} \times \boxed{} = \boxed{}$$

2 Complete the number sentences.

a) $6 \times 4 = \boxed{}$

b) $4 \times 3 = \boxed{}$

c) $\boxed{} = 7 \times 4$

d) $4 \times \boxed{} = 48$

e) $0 \times 4 = \boxed{}$

f) $4 \times 9 = \boxed{}$

g) $24 \div 4 = \boxed{}$

h) $8 \div 4 = \boxed{}$

i) $0 \div 4 = \boxed{}$

j) $\boxed{} \div 11 = 4$

k) $\boxed{} \div 4 = 5$

l) $1 \times 4 = \boxed{}$

3 What multiplication and division statements does the array represent?

Complete the statements.

$$\boxed{} \times \boxed{} = \boxed{}$$

$$\boxed{} \times \boxed{} = \boxed{}$$

$$\boxed{} \div \boxed{} = \boxed{}$$

$$\boxed{} \div \boxed{} = \boxed{}$$

4 Complete the number sentences.

a) $2 \times 4 = \boxed{}$

$4 \times 4 = \boxed{}$

$8 \times 4 = \boxed{}$

b) $8 = 4 \times \boxed{}$

$16 = 4 \times \boxed{}$

$32 = 4 \times \boxed{}$

c) $3 \times 4 = \boxed{}$

$3 \times 8 = \boxed{}$

$3 \times 12 = \boxed{}$

What patterns do you notice?

PRACTICE makes perfect

4 Times Table Activities

Count in 4s and colour in the grid:

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

Work out these answers:

a) 4 × 4 = _____

b) 3 × 4 = _____

c) 5 × 4 = _____

d) 2 × 4 = _____

e) 9 × 4 = _____

f) 6 × 4 = _____

g) 7 × 4 = _____

h) 1 × 4 = _____

i) 11 × 4 = _____

j) 8 × 4 = _____
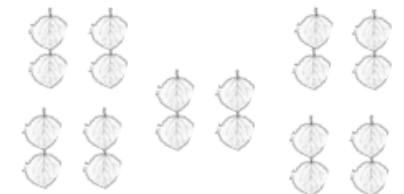
k) 10 × 4 = _____

l) 12 × 4 = _____

How many different leaves are there? Count in groups of 4 and write out the calculation.

a) _____ × _____ = _____

b) _____ × _____ = _____

c) _____ × _____ = _____

Deepen it:

Top tip: Work out the answers to each question and then decide which symbol to use

Write <, > or = to compare the statements.

a) $48 \div 12$ ◯ 4 d) $4 \div 4$ ◯ 4×4

b) 36 ◯ $40 \div 4$ e) 1×4 ◯ 4×1

c) $16 \div 4$ ◯ 4×4 f) 4×2 ◯ $32 \div 4$

Teddy: Some of the numbers in the 4 times-table are even, but not all of them.

Eva: All numbers in the 4 times-table are even.

Who is correct? _____

The pictogram shows the animals a group of children have as pets.

Complete the pictogram.

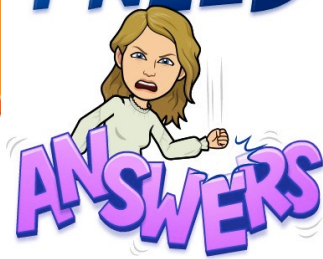| Animal	Pictogram	Number of animals
cat	◯◯◯◯	
dog		28
bird	◯◯◯◯◯	
mouse	◯	

◯ = 4 animals

Top tip: Count up in 4's to work out the number of animals
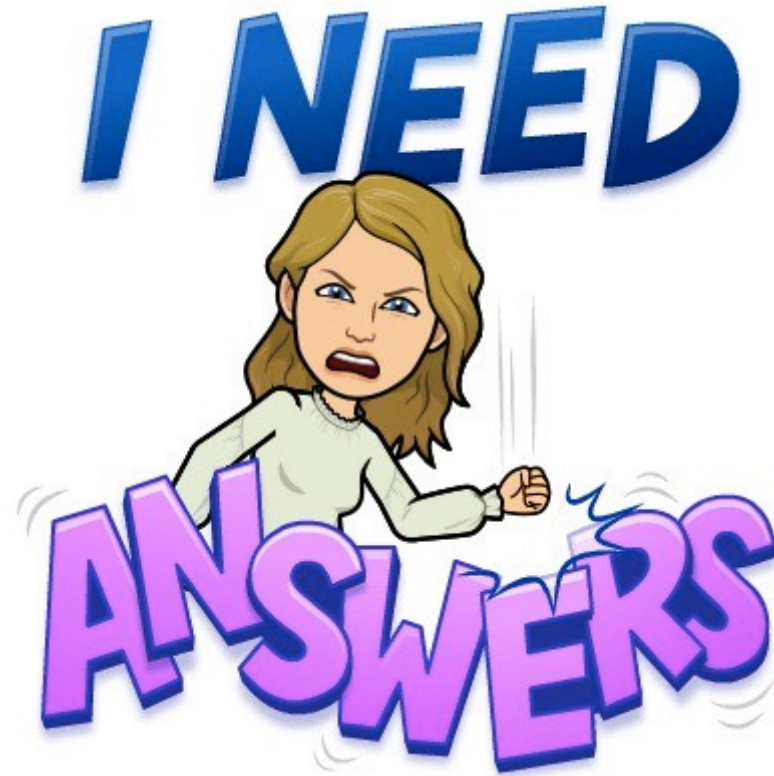
Answers are coming up on the next slide. No peeking until you have completed the questions ☺

I NEED ANSWERS

I Complete the multiplication.

a)

$8 \times 4 = 32$

b)

$4 \times 3 = 12$

2 Complete the number sentences.

a) $6 \times 4 = 24$

b) $4 \times 3 = 12$

c) $28 = 7 \times 4$

d) $4 \times 12 = 48$

e) $0 \times 4 = 0$

f) $4 \times 9 = 36$

g) $24 \div 4 = 6$

h) $8 \div 4 = 2$

i) $0 \div 4 = 0$

j) $44 \div 11 = 4$

k) $20 \div 4 = 5$

l) $1 \times 4 = 4$

3 What multiplication and division statements does the array represent?

Complete the statements.

$4 \times 7 = 28$

$7 \times 4 = 28$

$28 \div 7 = 4$

$28 \div 4 = 7$

4 Complete the number sentences.

a) $2 \times 4 = 8$

$4 \times 4 = 16$

$8 \times 4 = 32$

b) $8 = 4 \times 2$

$16 = 4 \times 4$

$32 = 4 \times 8$

c) $3 \times 4 = 12$

$3 \times 8 = 24$

$3 \times 12 = 36$

What patterns do you notice?

Write <, > or = to compare the statements.

a) $48 \div 12$ (=) 4

b) 36 (>) $40 \div 4$

c) $16 \div 4$ (<) 4×4

d) $4 \div 4$ (<) 4×4

e) 1×4 (=) 4×1

f) 4×2 (=) $32 \div 4$

The pictogram shows the animals a group of children have as pets.

Complete the pictogram.

Animal	Pictogram	Number of animals
cat	⬤⬤⬤⬤	16
dog	○○○○○○○	28
bird	⬤⬤⬤⬤⬤	20
mouse	⬤	4

⬤ = 4 animals

Teddy: Some of the numbers in the 4 times-table are even, but not all of them.

Eva: All numbers in the 4 times-table are even.

Who is correct? __Eva__

How do you know? Talk about it with a partner.

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.