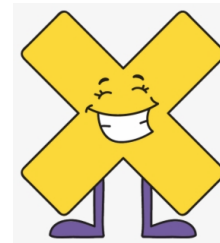# WELCOME

to today's Maths lesson

22.01.21
8 times table

ENJOY!

22.01.21
Divide by 8

Good morning, Year 3.

In today's Maths lesson, we are going to be continuing with Multiplication and Division and looking at **the 8 times table**.

Please watch the following videos and then work through the slides and activities:
https://vimeo.com/480763110

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

Task 1:   **Task 2:**

Today's Tough Ten	
1	$110 \div 10 =$
2	$= 20 - 14$
3	$16 + 9 =$
4	$= 70 - 40$
5	$43 + 18 =$
6	$76 - 24 =$
7	$20 + 60 =$
8	$= 9 \times 5$
9	$\frac{1}{4}$ of $20 =$
10	$8 + 9 + 2 =$

Task 2:

	1	0	7			7	4	2			8	4	8			6	9	7
+	5	2	7		+	1	4	4		+		3	1		+	1	4	8

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

Remember, if the ones column adds up to ten or more, we need to regroup 10 ones for a ten.
If the tens column adds up to 10 or more, we need to regroup 10 tens for 1 hundred.

Pyramid Tables!

Example
5
5x
5x2
5x2=
5x2=1
5x2=10

In the next few lessons, we will be looking at the 8 times table.

Here are some useful links/ games/ videos to help you:
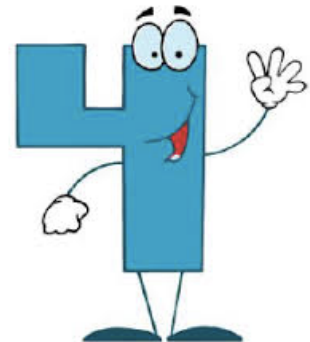- **8 times table song**
https://www.youtube.com/watch?v=kN3RG5iLKpo

- **8 times table super movers**
https://www.bbc.co.uk/teach/supermovers/ks2-maths-the-8-times-table-with-filbert-fox/z4mrhbk

- **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 double the 2 times table and the 8 times table is double the 4 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 8 times-table

1 How many are there in total?

Complete the multiplications.

a)

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

b)

$$\boxed{} \times \boxed{} = \boxed{}$$
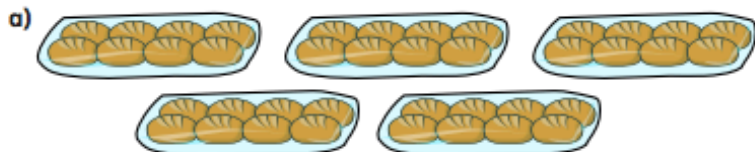
2 Complete the number tracks.

a)

0	8	16	24				

b)

96	88	80					

3 Here is an array made up of triangles.

a) What multiplication sentence can you see?

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

b) What division sentence can you see?

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

4 Complete the calculations.

Try to do the calculations in your head.

a) $6 \times 8 = \boxed{}$

b) $8 \times \boxed{} = 56$

c) $10 \times 8 = \boxed{}$

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

e) $72 \div 8 = \boxed{}$

f) $\boxed{} \div 11 = 8$

g) $\boxed{} \div 8 = 5$

h) $8 \times 1 = \boxed{}$

Remember, use the multiplication grid to help you if you need to ☺

PRACTICE makes perfect

8 Times Table Activities

Count in 8s 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	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81	82	83	84
85	86	87	88	89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104	105	106	107	108
109	110	111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130	131	132
133	134	135	136	137	138	139	140	141	142	143	144

Work out these answers:

a) 2 x 8 = _____

b) 10 x 8 = _____

c) 5 x 8 = _____

d) 8 x 8 = _____

e) 7 x 8 = _____

f) 12 x 8 = _____

How many blocks are there?

a) _____ x _____ = _____

b) _____ x _____ = _____

c) _____ x _____ = _____
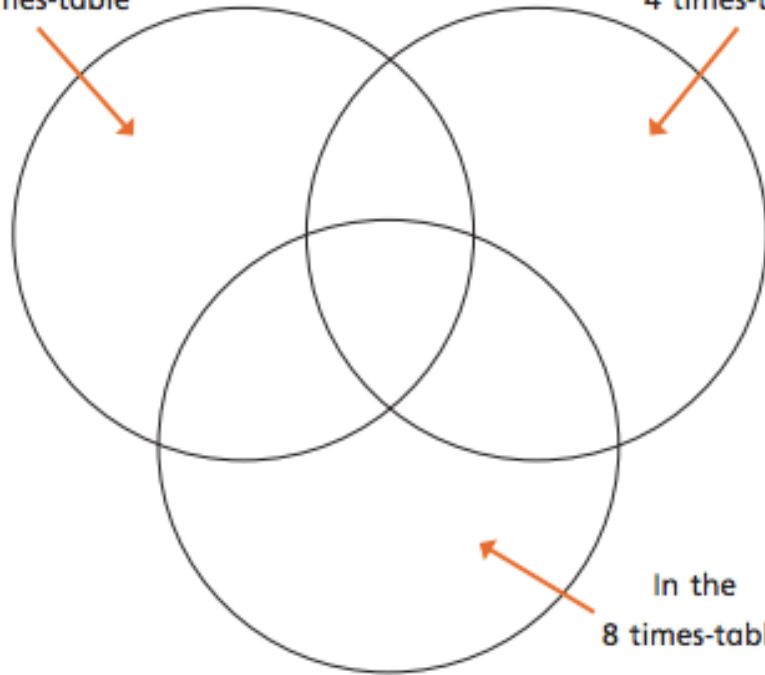
Deepen it:

Put the numbers into the sorting diagram.

2   4   16   32   48   36   12   6

In the
2 times-table

In the
4 times-table
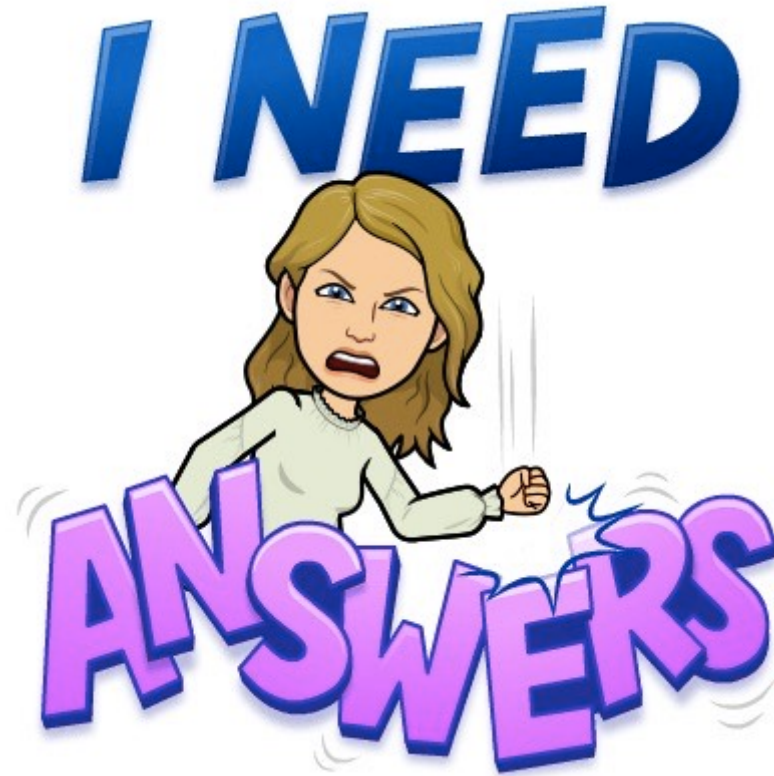
In the
8 times-table

Are any of the parts empty? Why?

Boats can be hired on a lake.

There are 5 large boats and 8 small boats on the lake.
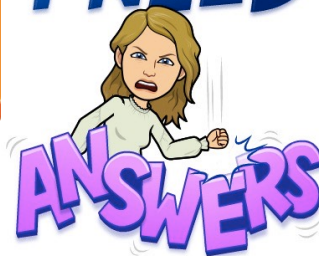
Each boat is full.

How many people are on the lake?

Boats for Hire

Large boat: holds 8 people

Small boat: holds 4 people

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

The 8 times-table

I NEED ANSWERS

1 How many are there in total?

Complete the multiplications.

a)

$$5 \times 8 = 40$$

b)
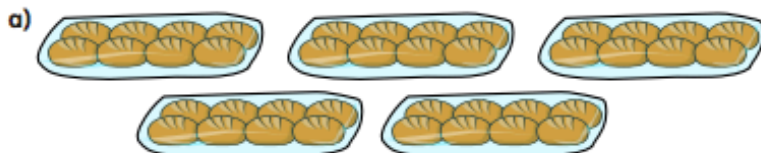
$$4 \times 8 = 32$$

2 Complete the number tracks.

a)

0	8	16	24	32	40	48	56

b)

96	88	80	72	64	56	48	40

3 Here is an array made up of triangles.

a) What multiplication sentence can you see?

$$8 \times 8 = 64$$

b) What division sentence can you see?

$$64 \div 8 = 8$$

4 Complete the calculations.

Try to do the calculations in your head.

a) $6 \times 8 = 48$
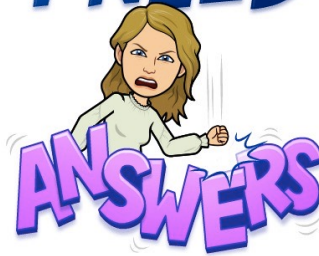
b) $8 \times 7 = 56$

c) $10 \times 8 = 80$

d) $32 = 8 \times 4$

e) $72 \div 8 = 9$

f) $88 \div 11 = 8$

g) $40 \div 8 = 5$

h) $8 \times 1 = 8$

I NEED ANSWERS

Put the numbers into the sorting diagram.

2   4   16   32   48   36   12   6

In the
2 times-table

In the
4 times-table

2

6

4

36   12

16

32

48

In the
8 times-table

Are any of the parts empty? Why?

Boats can be hired on a lake.

There are 5 large boats and 8 small boats on the lake.

Each boat is full.

How many people are on the lake?

Boats for Hire

Large boat: holds 8 people

Small boat: holds 4 people

72
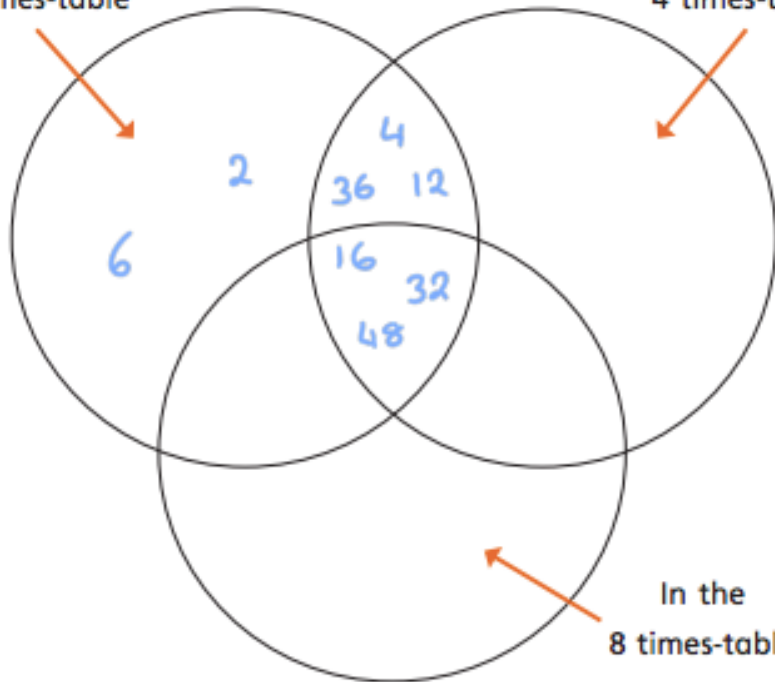
5 x 8 = 40
8 x 4 = 32
40 + 32 = 72

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.