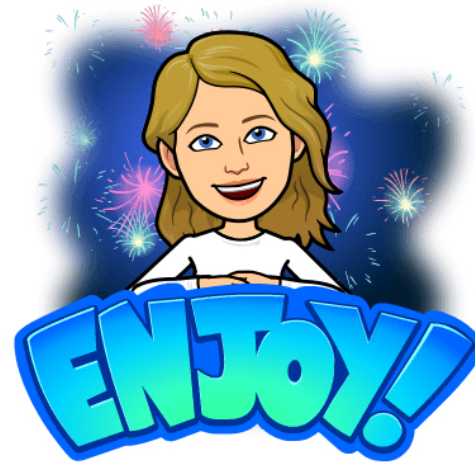


WELCOME

to today's Maths lesson

25.01.21

2, 4 and 8 times tables



25.01.21

2, 4 and 8 times tables



Good morning, Year 3.

In today's Maths lesson, we are going to be continuing with Multiplication and Division and recapping the **2, 4 and 8 times tables**.

Please watch the following videos and then work through the slides and activities:

<https://vimeo.com/485432791>

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:

Today's Tough Ten	
1	$8 \times 10 =$
2	$= 7 + 6 + 9$
3	$= 91 - 60$
4	$= 12 + 5$
5	$44 + 36 =$
6	$14 \div 2 =$
7	$\frac{1}{2} \text{ of } 20 =$
8	$43 + 16 =$
9	$62 - 27 =$
10	$= 80 - 30$

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

Deepen it:
Pick one question and write a number story for it.
Miss Robertson's example:
Archie had 62 football cards. He gave 27 to Joe. How many did Archie have left?



Remember, finding ½ of something is the same as dividing by 2.

Times table practise:

×	2	11	4	10	5
5					25
2					
4		44			
10				100	
11	22				

x	4	5	3	2	10
3					
5					
2					
10					
4					

Work your way through the grids by multiplying the number on the top by the number on the side.

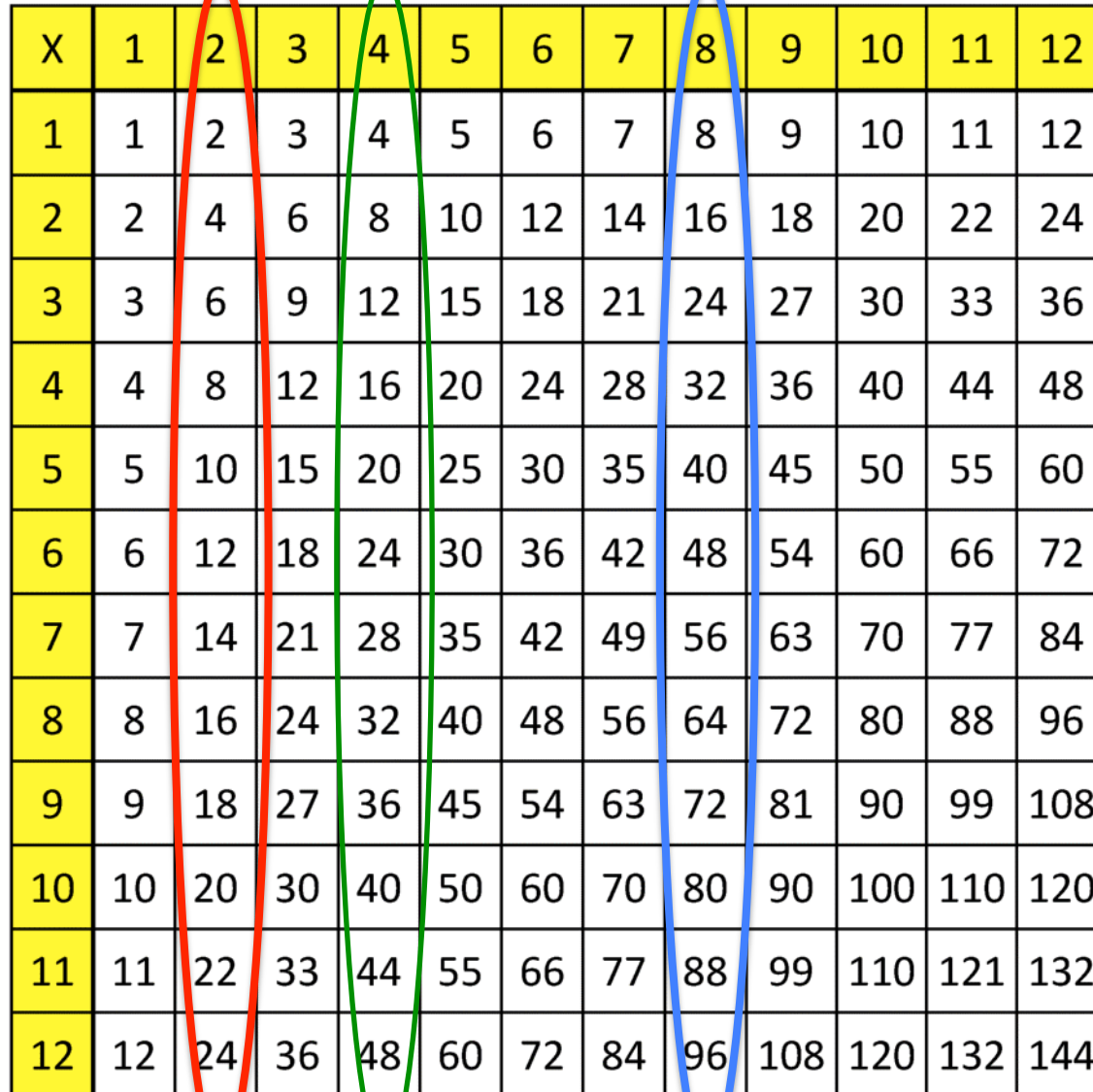
Remember, you can also logon to TTRS to practise too :D



Multiplication grid

Use this to help you if you need to 😊

Remember, the 4 times table is just double the 2 times table and the 8 times table is just 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

Consolidate 2, 4 and 8 times-tables

NOW IT'S YOUR TURN.

1 How many legs are there altogether?

Complete the multiplications

a)  $\square \times \square = \square$

b)  $\square \times \square = \square$

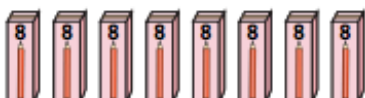
c)  $\square \times \square = \square$

2 How many pencils are there?

Complete the multiplications.

a)  $\square \times \square = \square$

b)  $\square \times \square = \square$

c)  $\square \times \square = \square$

3 A paper clip is 3 cm long.



a) What is the total length of 2 paper clips?

\square cm

b) What is the total length of 4 paper clips?

\square cm

c) What is the total length of 8 paper clips?

\square cm

4 Complete the multiplications.

a) $1 \times 2 = \square$ b) $1 \times 4 = \square$ c) $1 \times 8 = \square$

$2 \times 2 = \square$ $2 \times 4 = \square$ $2 \times 8 = \square$

$3 \times 2 = \square$ $3 \times 4 = \square$ $3 \times 8 = \square$

$4 \times 2 = \square$ $4 \times 4 = \square$ $4 \times 8 = \square$

$5 \times 2 = \square$ $5 \times 4 = \square$ $5 \times 8 = \square$

What do you notice?

Deepen it:



Work out the value of each shape.

$$\text{Red Circle} + \text{Red Circle} + \text{Red Circle} + \text{Red Circle} = 16$$

$$\text{Red Circle} \times \text{Green Triangle} = 32$$

$$\text{Green Triangle} \times 1 = \text{Blue Square} \times \text{Blue Square} \times \text{Blue Square}$$

$$\text{Red Circle} = \square$$

$$\text{Green Triangle} = \square$$

$$\text{Blue Square} = \square$$

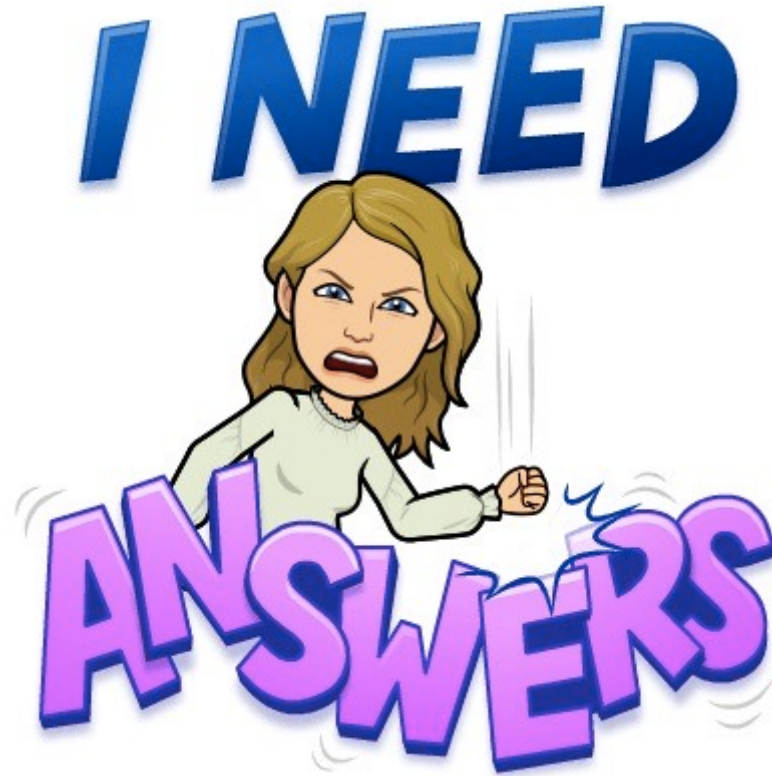
Tennis balls come in packets of 2, 4 and 8

Rosie buys 5 of each different size pack.

How many tennis balls does she buy altogether?

Show your workings.

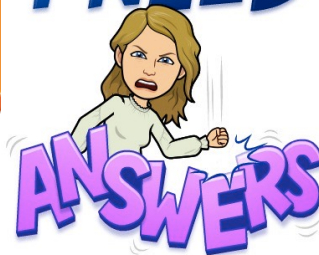




**Answers are coming up on the next slide.
No peeking until you have completed the
questions 😊**

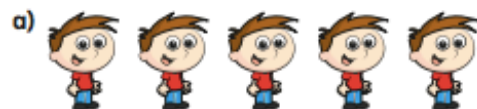
Consolidate 2, 4 and 8 times-tables

I NEED



1 How many legs are there altogether?

Complete the multiplications



$$\boxed{5} \times \boxed{2} = \boxed{10}$$



$$\boxed{3} \times \boxed{4} = \boxed{12}$$



$$\boxed{4} \times \boxed{8} = \boxed{32}$$

The numbers could be the other way round too.

2 How many pencils are there?

Complete the multiplications.



$$\boxed{9} \times \boxed{2} = \boxed{18}$$



$$\boxed{5} \times \boxed{4} = \boxed{20}$$



$$\boxed{8} \times \boxed{8} = \boxed{64}$$

3 A paper clip is 3 cm long.



a) What is the total length of 2 paper clips?

$\boxed{6}$ cm

b) What is the total length of 4 paper clips?

$\boxed{12}$ cm

c) What is the total length of 8 paper clips?

$\boxed{24}$ cm

4 Complete the multiplications.

a) $1 \times 2 = \boxed{2}$ b) $1 \times 4 = \boxed{4}$ c) $1 \times 8 = \boxed{8}$

$2 \times 2 = \boxed{4}$ $2 \times 4 = \boxed{8}$ $2 \times 8 = \boxed{16}$

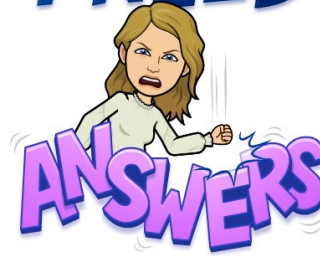
$3 \times 2 = \boxed{6}$ $3 \times 4 = \boxed{12}$ $3 \times 8 = \boxed{24}$

$4 \times 2 = \boxed{8}$ $4 \times 4 = \boxed{16}$ $4 \times 8 = \boxed{32}$

$5 \times 2 = \boxed{10}$ $5 \times 4 = \boxed{20}$ $5 \times 8 = \boxed{40}$

What do you notice?

I NEED



Work out the value of each shape.

$$\text{Red Circle} + \text{Red Circle} + \text{Red Circle} + \text{Red Circle} = 16$$

$$\text{Red Circle} \times \text{Green Triangle} = 32$$

$$\text{Green Triangle} \times 1 = \text{Blue Square} \times \text{Blue Square} \times \text{Blue Square}$$

$$\text{Red Circle} = \boxed{4}$$

$$\text{Green Triangle} = \boxed{8}$$

$$\text{Blue Square} = \boxed{2}$$

Tennis balls come in packets of 2, 4 and 8

Rosie buys 5 of each different size pack.

How many tennis balls does she buy altogether?

Show your workings.



$$5 \times 2 = 10$$

$$5 \times 4 = 20$$

$$5 \times 8 = 40$$

$$10 + 20 + 40 = 70$$

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.

