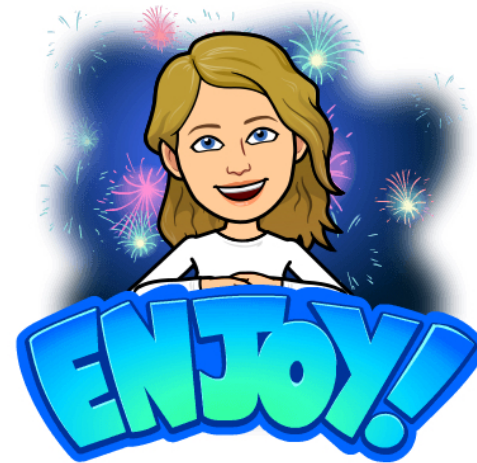


# WELCOME

to today's Maths lesson

21.01.21

Divide by 8



**21.01.21**  
**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 **dividing by 8**.

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

<https://vimeo.com/480761847>

If you have any questions or would like to send in any work, please email it to:

[yearthree@st-jo-st.dudley.sch.uk](mailto: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	$3 + 8 + 7 =$
2	$= 6 \times 10$
3	$\frac{1}{3} \text{ of } 15 =$
4	$28 + 17 =$
5	$43 - 15 =$
6	$20 - 9 =$
7	$= 2 \times 8$
8	$18 \div 2 =$
9	$= 100 - 20$
10	$= 90 \div 10$

## Task 2:

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



**Remember, if the ones column adds up to ten or more then we need to regroup 10 ones for a ten.**

Times table practise:

Write out your 3, 4 or times table  
or all 3 using coloured pens/  
pencils

# Rainbow Multiplication

Can you write out the times tables you are learning using  
multi-colours?

Multiplication	Multi-coloured x tables
1 x	
2 x	
3 x	
4 x	
5 x	
6 x	
7 x	
8 x	
9 x	
10 x	

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

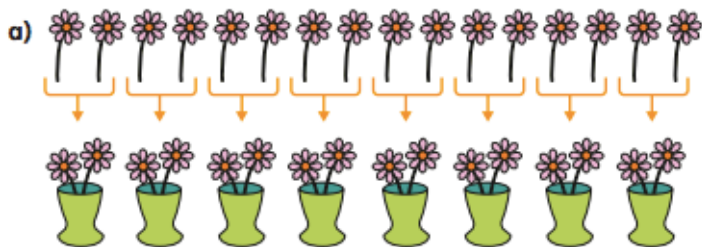
Use this to help you if you need to 😊

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

## Divide by 8

1 Complete the sentences.

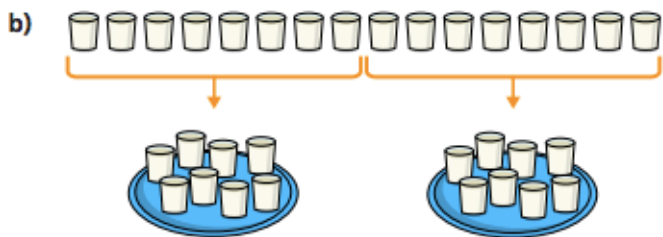


There are  flowers.

There are  vases.

Each vase has  flowers.

16 shared into  equal groups is



There are 16 glasses of milk.

There are  glasses of milk on each tray.

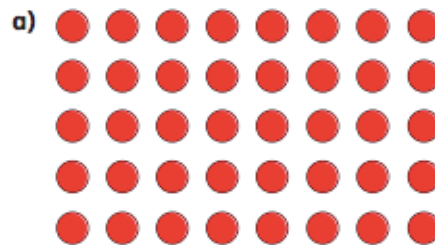
There are  trays.

16 shared into  equal groups is

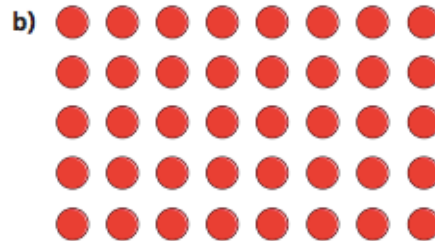


2 Use the arrays to help you complete the divisions.

Draw on the arrays to show your workings.



$$40 \div 8 = \square$$



$$40 \div 5 = \square$$

3 32 coins are shared between 8 people.

How many coins does each person get?



Complete the division.

$$\square \div \square = \square$$



Complete these extra questions if you would like to 😊

$$72 \div 8 =$$

$$16 \div 8 =$$

$$88 \div 8 =$$

$$48 \div 8 =$$

$$16 \div 8 =$$

$$80 \div 8 =$$

$$64 \div 8 =$$

$$32 \div 8 =$$

$$48 \div 8 =$$

$$88 \div 8 =$$

$$56 \div 8 =$$

$$8 \div 8 =$$

$$32 \div 8 =$$

$$96 \div 8 =$$

$$24 \div 8 =$$

$$72 \div 8 =$$

$$8 \div 8 =$$

$$64 \div 8 =$$



# Deepen it:



Circle the numbers that divide by 8 exactly.

23

28

32

64

65

How did you work this out?

40 kg of potatoes are packed into 8 kg bags.

How many 8 kg bags can be filled?

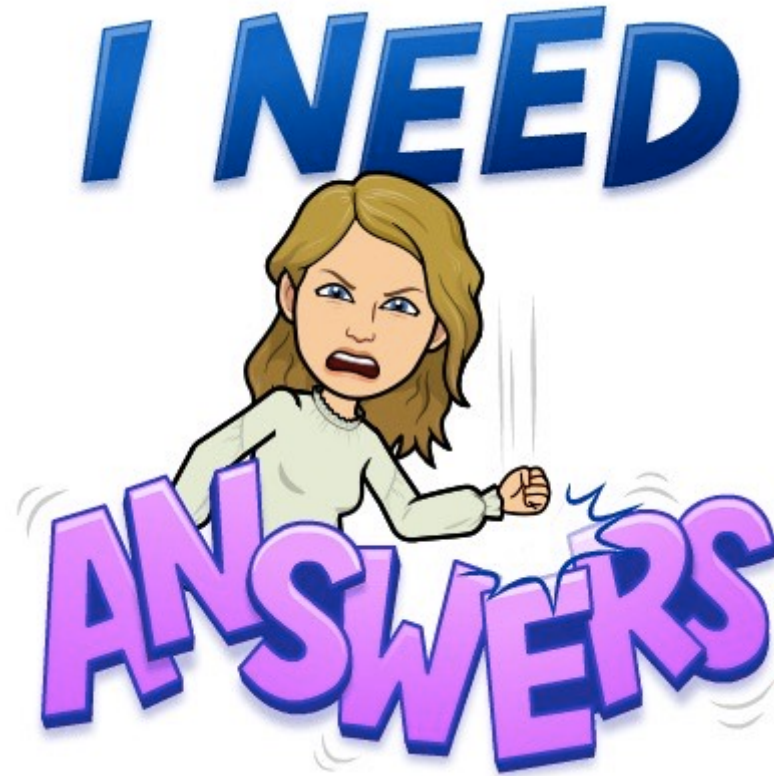
Crayons are sold in packs of 8.

Year 3 need 48 crayons.

How many packs should be ordered?

They should order \_\_\_\_ packs of crayons.

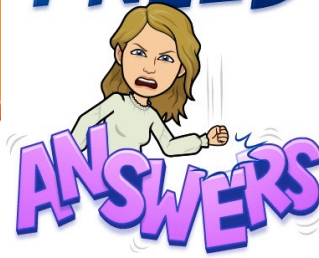




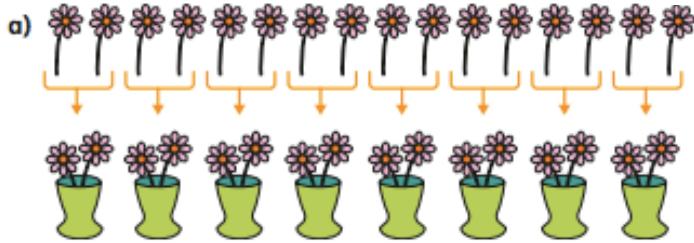
**Answers are coming up on the next slide.  
No peeking until you have completed the  
questions 😊**

# Divide by 8

# I NEED



1 Complete the sentences.

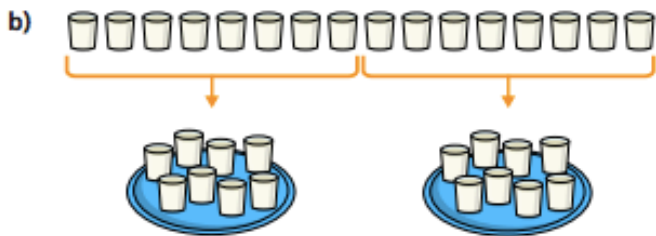


There are  flowers.

There are  vases.

Each vase has  flowers.

16 shared into  equal groups is



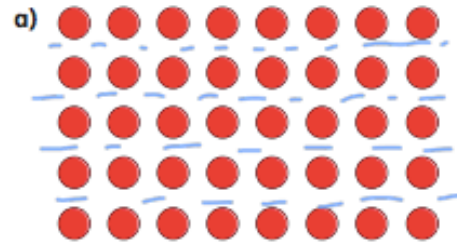
There are 16 glasses of milk.

There are  glasses of milk on each tray.

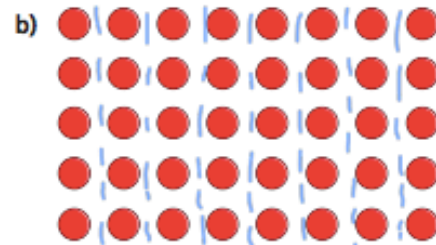
There are  trays.

16 shared into  equal groups is

2 Use the arrays to help you complete the divisions.  
Draw on the arrays to show your workings.



$$40 \div 8 = \boxed{5}$$



$$40 \div 5 = \boxed{8}$$

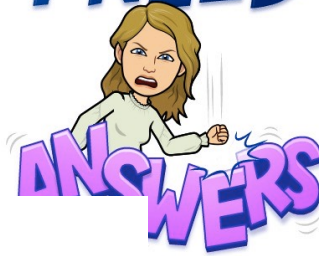
3 32 coins are shared between 8 people.  
How many coins does each person get?



Complete the division.

$$\boxed{32p} \div \boxed{8} = \boxed{4p}$$

# I NEED



Circle the numbers that divide by 8 exactly.

23

28

32

64

65

How did you work this out?

They are all multiples of 8 and in the 8 times table. They are also even number and all numbers in the 8 times table are even. 28 is also even but that isn't a multiple of 8.

40 kg of potatoes are packed into 8 kg bags.

How many 8 kg bags can be filled? 5

Crayons are sold in packs of 8.  
Year 3 need 48 crayons.  
How many packs should be ordered?

They should order 12 packs of crayons.



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](mailto:yearthree@st-jo-st.dudley.sch.uk)

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

