

**Monday 18th May 2020**

**Maths Y3**

Morning Year 3s,

I hope you've had a lovely weekend and you are ready for some new maths!

Today's maths is on <https://whiterosemaths.com/homelearning/year-3>

Look for **Summer Term - Week 4 (w/c 11<sup>th</sup> May) - Lesson 1** and watch the video '**Multiplying and dividing by 4 and 8**' then have a go at the activity.

There are 2 sheets of questions using the 4 times table and 2 sheets using the 8 times table. If you need to practise your 4 times table, have a go at these. If you are confident with your 4s, go on to the next 2 sheets and answer the questions on the 8 times table.

If you're really keen, you could do them all!!!

When you are finished, why not have a go at the multiplication games on **Sumdog** and practice your 3s, 4s and 8s.

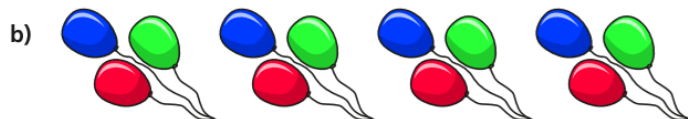
Good luck, Miss Bamber

# The 4 times-table

1 Complete the multiplication.



$$\square \times \square = \square$$



$$\square \times \square = \square$$

2 Complete the number sentences.

a)  $6 \times 4 = \square$

g)  $24 \div 4 = \square$

b)  $4 \times 3 = \square$

h)  $8 \div 4 = \square$

c)  $\square = 7 \times 4$

i)  $0 \div 4 = \square$

d)  $4 \times \square = 48$

j)  $\square \div 11 = 4$

e)  $0 \times 4 = \square$

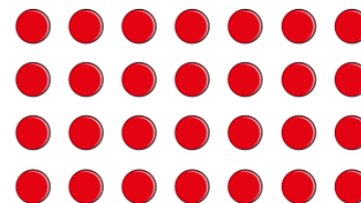
k)  $\square \div 4 = 5$

f)  $4 \times 9 = \square$

l)  $1 \times 4 = \square$

3 What multiplication and division statements does the array represent?

Complete the statements.



$$\square \times \square = \square$$

$$\square \times \square = \square$$

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

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

4 Complete the number sentences.

a)  $2 \times 4 = \square$

c)  $3 \times 4 = \square$

$4 \times 4 = \square$

$3 \times 8 = \square$

$8 \times 4 = \square$

$3 \times 12 = \square$

b)  $8 = 4 \times \square$

$16 = 4 \times \square$

$32 = 4 \times \square$

What patterns do you notice?

5 Write  $<$ ,  $>$  or  $=$  to compare the statements.

a)  $48 \div 12$   4

d)  $4 \div 4$    $4 \times 4$

b) 36   $40 \div 4$

e)  $1 \times 4$    $4 \times 1$

c)  $16 \div 4$    $4 \times 4$

f)  $4 \times 2$    $32 \div 4$

6 A paper clip is 4 cm long.



How long are 6 of these paper clips?

7 Dexter buys 10 mugs and 4 key rings.  
How much money does he spend in total?




8 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

9



Teddy

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



Eva

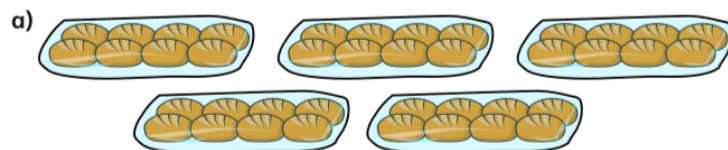
All numbers in the 4 times-table are even.

Who is correct? \_\_\_\_\_

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

## The 8 times-table

- 1 How many are there in total?  
Complete the multiplications.



$$\square \times \square = \square$$



$$\square \times \square = \square$$

- 2 Complete the number tracks.

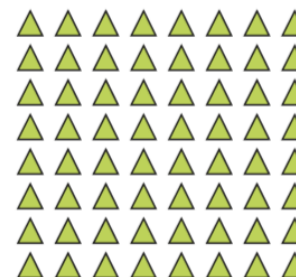
a)

0	8	16	24				
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b)

96	88	80					
----	----	----	--	--	--	--	--

- 3 Here is an array made up of triangles.



- a) What multiplication sentence can you see?

$$\square \times \square = \square$$

- b) What division sentence can you see?

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

- 4 Complete the calculations.

Try to do the calculations in your head.

a)  $6 \times 8 = \square$

e)  $72 \div 8 = \square$

b)  $8 \times \square = 56$

f)  $\square \div 11 = 8$

c)  $10 \times 8 = \square$

g)  $\square \div 8 = 5$

d)  $\square = 8 \times 4$

h)  $8 \times 1 = \square$

- 5 What multiplication can you see?



- 6 Complete the multiplications.

a)  $2 \times 8 = \square$

b)  $8 = 8 \times \square$

$4 \times 8 = \square$

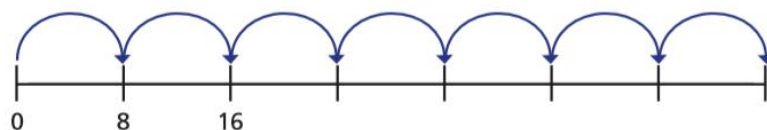
$16 = 8 \times \square$

$8 \times 8 = \square$

$32 = 8 \times \square$

What patterns do you notice?

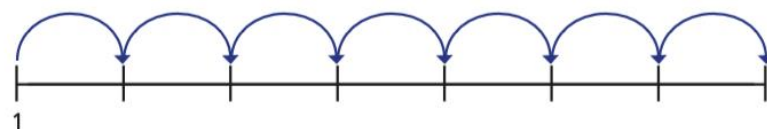
- 7 a) Amir draws 7 jumps of 8 on a number line.



What number does Amir end on?

Explain how you worked it out.

- b) This time, Amir makes 7 jumps of 8, but starts from 1



What number does Amir end on this time?

Explain how you know.

- 8 Boats can be hired on a lake.

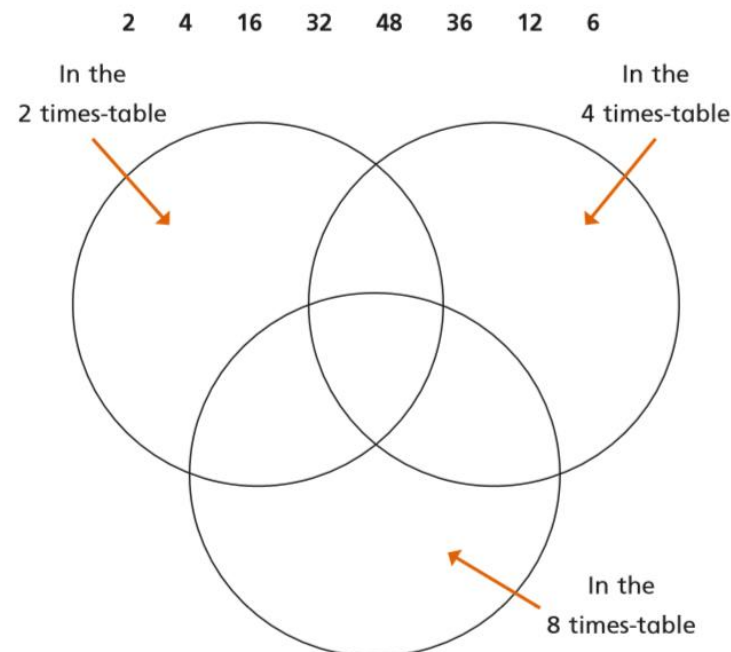
There are 5 large boats and 8 small boats on the lake.

Each boat is full.

How many people are on the lake?



- 9 Put the numbers into the sorting diagram.



Are any of the parts empty? Why?

Talk about it with a partner.

