

**LO: To be able to compare multiplication statements. (Y3)**

**LO: To be able to multiply 3 numbers. (Y4)**

**Today if you are in Year 3, you will be looking at comparing multiplication statements. You will need to cast your minds back to when we looked at place value.**

**If you are in Year 4, you will also revise this topic from last before moving onto multiplying 3 numbers.**

**But first.. WARM UP!**

**James is thinking of the number 4.**

**He multiplies by 3.**

**He then adds 8.**

**He then adds 54.**

**Next, multiply by 100.**

**Take away 11.**

**Finally, divide by 10.**

**What number does he get?**



**But first.. WARM UP!**

**James is thinking of the number 4.**

**He multiplies by 3.**

**He then adds 8.**

**He then adds 54.**

**Next, multiply by 100.**

**Take away 100.**

**Finally, divide by 10.**

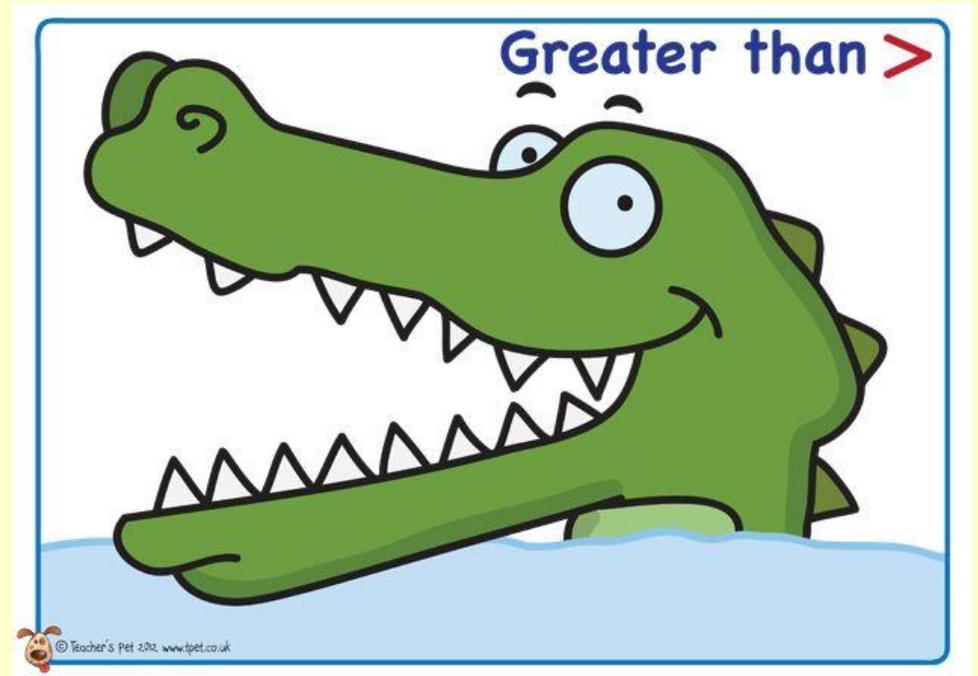
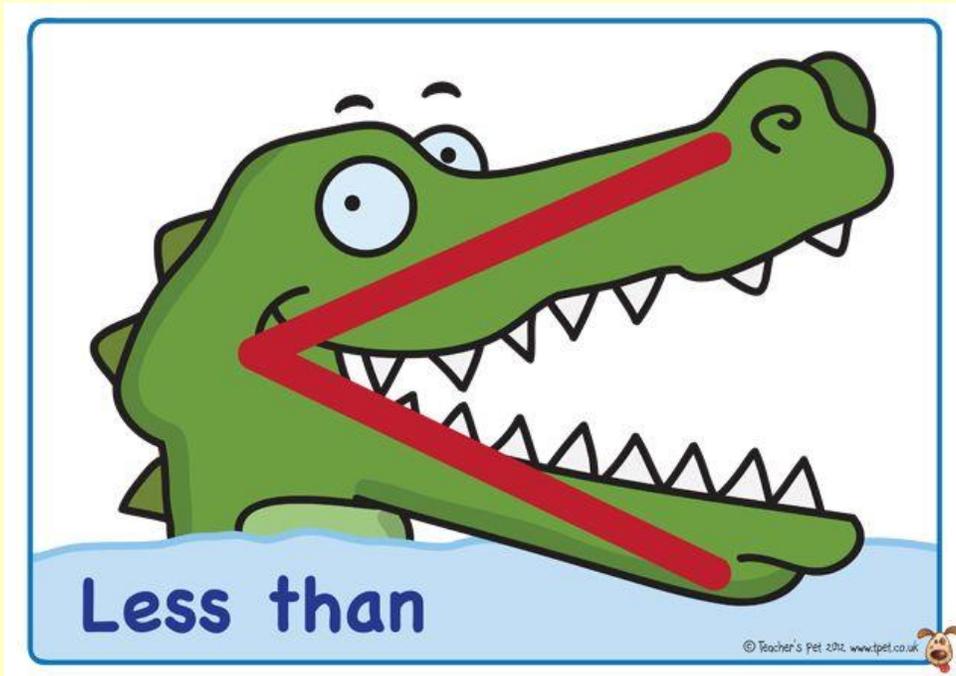
**What number does he get?**

**The answer is 730.**



# Comparing Statements...

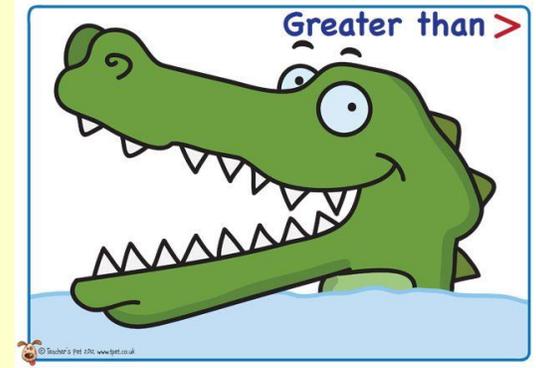
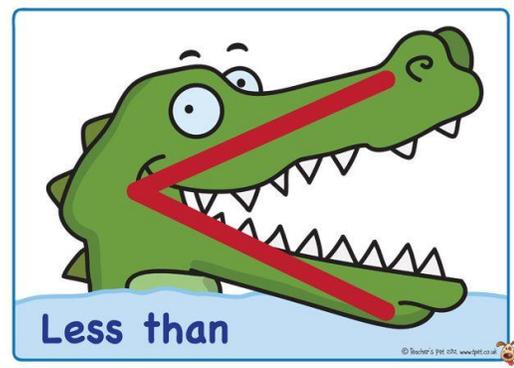
Can you remember these signs  $<$ ,  $>$ ,  $=$  ?



Remember in class two we are supposed to recognise the signs. Less than sign looks like a L.

# Quick Check...

Use  $<$ ,  $>$ ,  $=$  to compare these numbers.



A.  $543$  \_\_\_\_\_  $534$

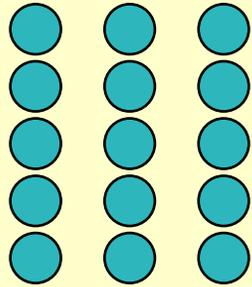
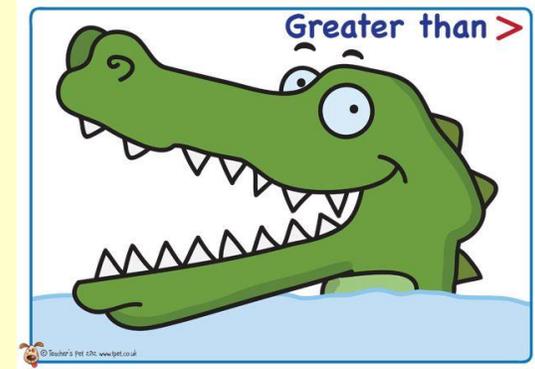
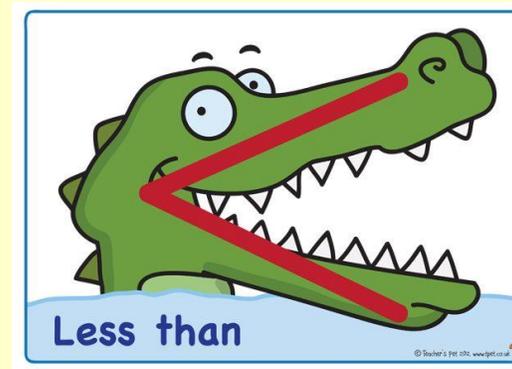
B.  $1230$  \_\_\_\_\_  $3214$

C.  $63$  \_\_\_\_\_  $77 - 14$

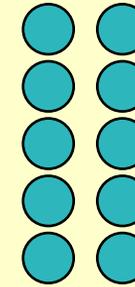
D.  $3210$  \_\_\_\_\_  $3214$



Look at the arrays below.  
Write down the number fact  
to match each array.



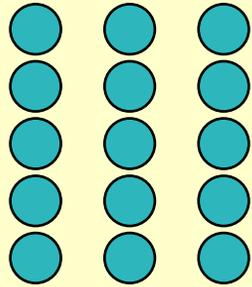
$$3 \times 5 = 15$$



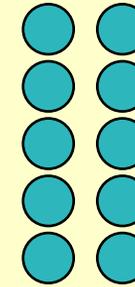
$$2 \times 5 = 10$$

Which sign would you use to compare the  
two statements? Which one is bigger?

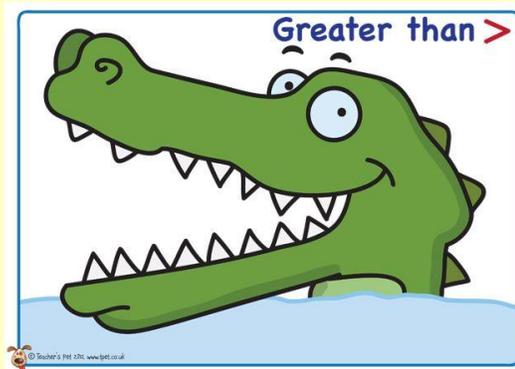
Look at the arrays below.  
Write down the number fact  
to match each array.



$$3 \times 5 = 15$$



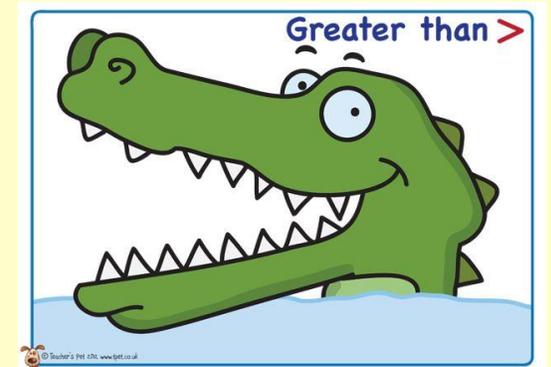
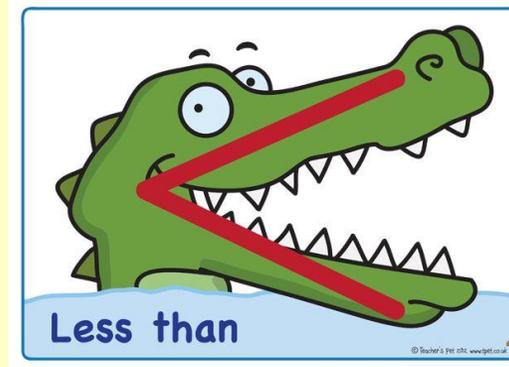
$$2 \times 5 = 10$$

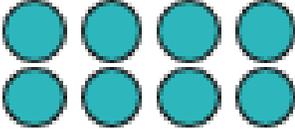
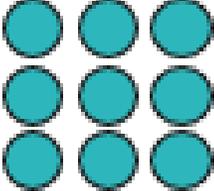
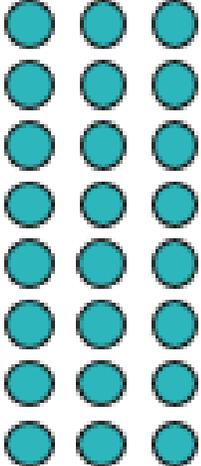


It will now read  $3 \times 5 = 15$  which is  
greater than  $2 \times 5 = 10$ .

# Your turn..

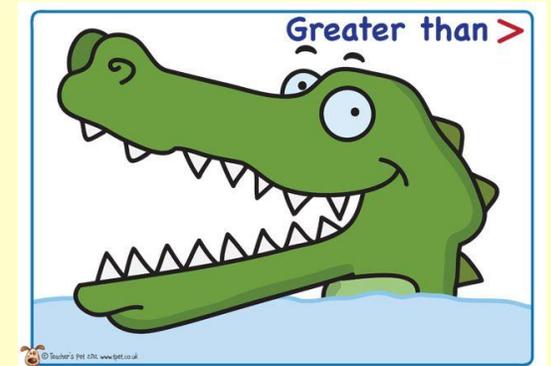
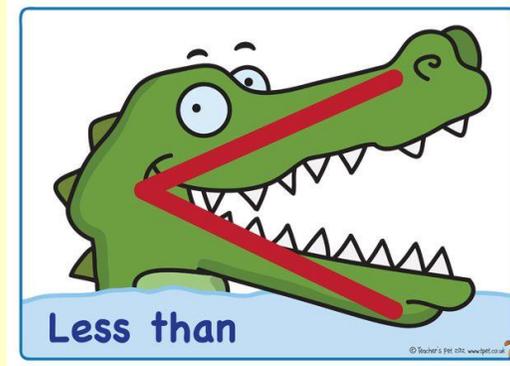
## Use <, >, = to make these statements correct.

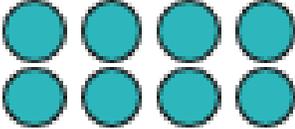
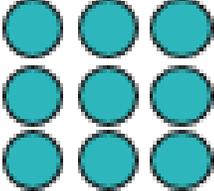
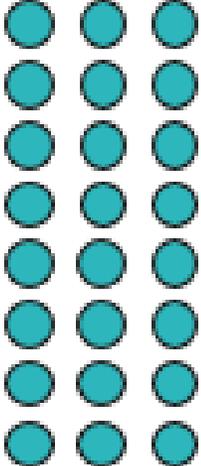


		
$64 \div 8$		$2 \times 4$
		$5 \times 4$

Your turn..

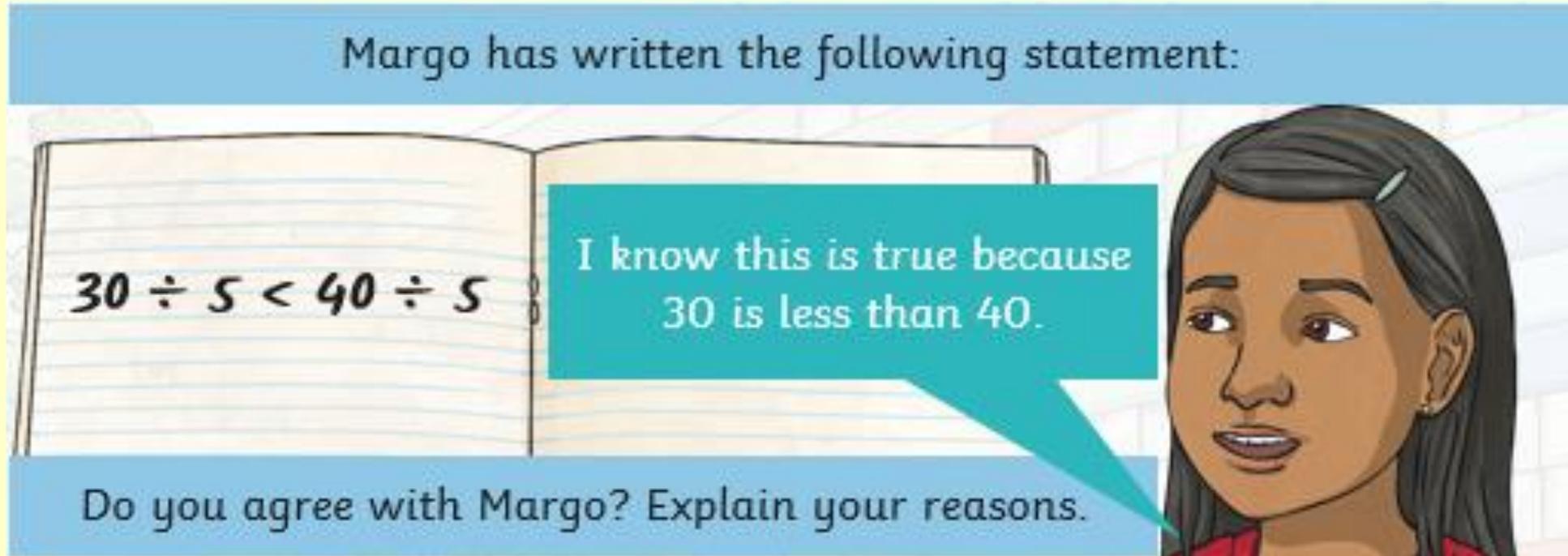
Were you correct?



	$<$	
$64 \div 8$	$=$	$2 \times 4$
	$>$	$5 \times 4$

**Year 3 children can now start their worksheet.  
Below is a tricky challenge for those would like a  
challenge.**

Margo has written the following statement:



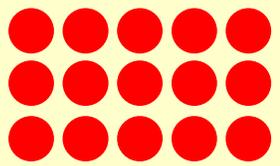
$30 \div 5 < 40 \div 5$

I know this is true because  
30 is less than 40.

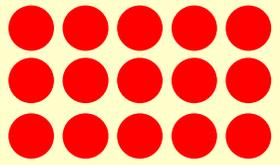
Do you agree with Margo? Explain your reasons.

**Year 4, you would normally come to the carpet  
now. But we will work on 😊**

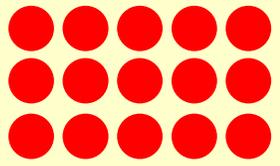
**We will look at multiplying 3 numbers. Look at the arrays below. Complete the calculations to match the arrays.**



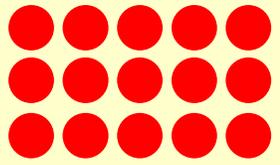
$3 \times 5 =$



$3 \times 5 =$



$3 \times 5 =$

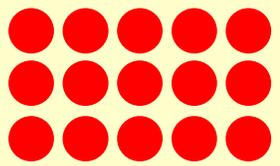


$3 \times 5 =$



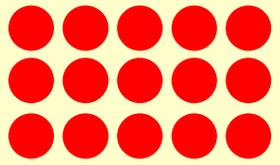
$4 \times 3 \times 5 = 4 \times 15 =$

**We will look at multiplying 3 numbers. Look at the arrays below. Complete the calculations to match the arrays.**



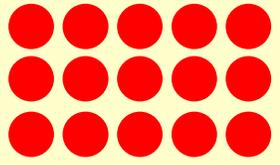
$3 \times 5 =$

15



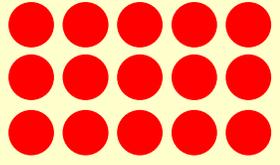
$3 \times 5 =$

15



$3 \times 5 =$

15



$3 \times 5 =$

15

**Can you see how we have broken the calculation down into sections?**

$4 \times 3 \times 5 = 4 \times 15 =$

60

**Let's take the pictures away.**

**Look at the calculation below.**

$$8 \times 2 \times 2 =$$

**Start with the last bit of the calculation (2 x 2) and write your answer above.**

$$8 \times 2 \overset{4}{\times} 2 =$$

**Now complete 8 x 4**

**Let's take the pictures away.**

**Look at the calculation below.**

$$8 \times 2 \times 2 =$$

**Start with the last bit of the calculation (2 x 2) and write your answer above.**

$$8 \times 2 \overset{4}{\times} 2 = 32$$

**Now complete 8 x 4**

**Now it is your turn.**

**Complete the calculations below.**

$$4 \times 3 \times 4 =$$

$$10 \times 7 \times 3 =$$

Did you get them right?

$$4 \times 3 \times 4 = 48$$

$$10 \times 7 \times 3 = 210$$

**Year 4's you can now begin your worksheet.**

**Below is a tricky challenge for those who would like to complete a challenge before they start.**

There are five boxes of cupcakes.  
Each box contains two rows  
of four. How many cupcakes  
are there altogether?



**Write a multiplication  
to solve the problem**