

Maths

This week our focus times table is: 5x table

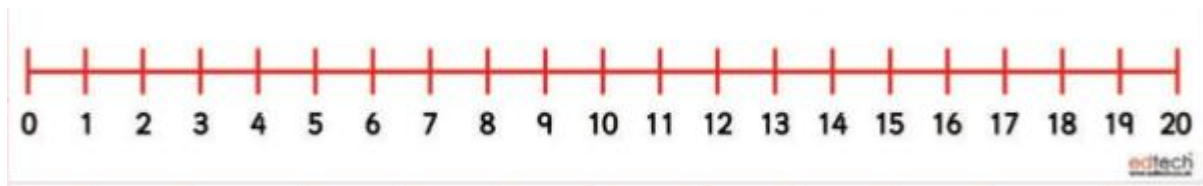
Can you say the whole 5x table? Can you write it?

Challenge: Have someone quiz you to see if you can remember the facts out of order (eg 5x3, 5x5, 5x10)

Purple Mash -5x – recall

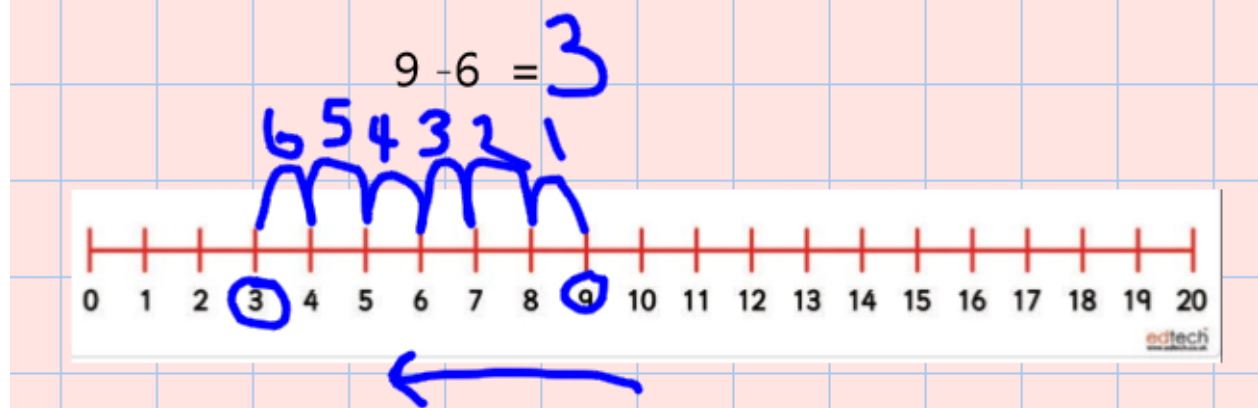
- speed test
- musical chairs

This week we will be practicing our subtraction. Subtraction means take away.



Monday – subtracting with a numberline.


We can use a numberline to help us subtract



TTYP: How do we find what's left?







1. put your finger on the first (bigger) number
2. count back the second number
3. the number you land on is the answer

Try these. Write the number sentences and answers in your maths home learning book

Red	Orange	Green
$5 - 2 =$	$13 - 5 =$	<p>Subtraction Word Problem Challenge Cards</p> <p>If you had 10 currant buns and 8 of them have been eaten, how many of them would you have left?</p> 
$9 - 4 =$	$20 - 9 =$	
$7 - 3 =$	$11 - 6 =$	
$10 - 8 =$	$17 - 12 =$	
$8 - 4 =$	$14 - 10 =$	
$6 - 5 =$	$20 - 10 =$	


Challenge: Make up and solve your own subtraction sentences.

More Green

<p>Subtraction Word Problem Challenge Cards</p> <p>If you had 20 squares of chocolate and you ate 15 of them, how many would you have left?</p> 	<p>Subtraction Word Problem Challenge Cards</p> <p>If you had 20 milk cartons and drink 2 of them, how many would you have left?</p> 
<p>Subtraction Word Problem Challenge Cards</p> <p>If you had 20 jelly beans and you have eaten 6 of them, how many would you have left?</p> 	<p>Subtraction Word Problem Challenge Cards</p> <p>If you had 10 sausages in a pack and you have cooked 4 of them, how many sausages would you have left in the packet?</p> 
<p>Subtraction Word Problem Challenge Cards</p> <p>If you had 10 marbles and 2 of them have rolled away, how many of them would you have left?</p> 	<p>Subtraction Word Problem Challenge Cards</p> <p>If you had 20 plums and you use 13 to make jam, how many would you have left?</p> 

Reasoning

Use $<$, $>$ or $=$ to make the statements correct.

 I can do this without working out any answers.

$17 - 5$ $12 - 5$

$14 - 4$ $18 - 8$


$11 - 7$ $11 - 4$

Is Whitney correct? Explain how you know.

Tuesday – subtracting with a numberline.

Keep practising subtracting by counting back using a numberline like we did yesterday.

Try these. Write the number sentence and answers in your maths home learning book.

Red	Orange	Green
$6 - 1 =$	$16 - 4 =$	<p>3. There are 17 wildebeest on the plain. 9 leave to find water. How many are on the plain now?</p> 
$5 - 4 =$	$15 - 8 =$	
$10 - 7 =$	$14 - 6 =$	
$9 - 3 =$	$13 - 10 =$	
$8 - 6 =$	$16 - 12 =$	
$10 - 4 =$	$19 - 15 =$	

Challenge: Make up your own worded problems (like in the green section) for subtraction then solve them.

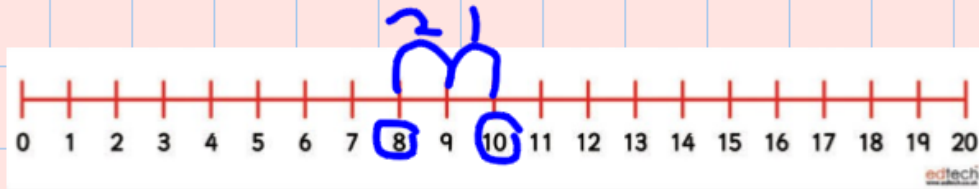
Reasoning

Amir has 16 apples. Ron has none.
Amir gives Ron 9 apples.
Who has the most apples now?
Explain how you know.

Wednesday – missing number subtraction using a numberline.

We can use a numberline to help us find missing numbers in subtraction number sentences

$$10 - \underline{2} = 8$$



ITYP: How do we find the missing number?

1. circle the first (bigger) number
2. circle the answer
3. count back the jumps in between to find the answer

Find the missing numbers by counting back using a numberline. Write the number sentences and answers in your maths home learning book. Underline the missing number in your number sentence.

Red	Orange	Green
$4 - \underline{\quad} = 2$	$12 - \underline{\quad} = 7$	<p>Bob had 12 sweets. He gave some to his friends and how he has 6 left. How many sweets did he give away ?</p> <p>Now write your own missing number subtraction word problems</p>
$7 - \underline{\quad} = 1$	$14 - \underline{\quad} = 6$	
$8 - \underline{\quad} = 5$	$16 - \underline{\quad} = 7$	
$6 - \underline{\quad} = 0$	$10 - \underline{\quad} = 0$	
$9 - \underline{\quad} = 6$	$15 - \underline{\quad} = 3$	
	$20 - \underline{\quad} = 8$	

Reasoning

A postman started his day at 9 o'clock with 19 letters. By 10 o'clock he only had 8 letters left to deliver. How many letters has he delivered already?

Thursday – missing number subtraction using a bar model.

$9 - 4 = 5$ OR $9 - 5 = 4$ we can write this as whole – part = part

SO 4 is a part, 5 is a part and together they make 9 which is the whole

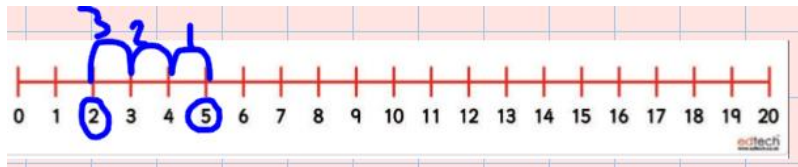
We can show this using a bar model like this

9	
5	4

whole	
part	part

We can use a bar model to help us find missing numbers. **What is the missing number?**

5	
2	



$5 - \underline{\quad} = 2$

So the missing number is 3

5	
2	3

$5 - \underline{3} = 2$

Solve the bar models and write the number sentences in your maths home learning book. Underline the missing number.

6	
3	

4	
1	

10	
5	

12	
4	

15	
10	

11	
10	

8	
5	

9	
4	

8	
2	

8	
1	

13	
6	

20	
8	

10	
3	

5	
0	

7	
4	

17	
12	

15	
9	

18	
7	

Green

There were 12 cups. Some broke and now there are 10. How many cups broke?

12	
10	

Bill had 15 cakes. He ate some and now there are 12. How many cakes did he eat?

15	
	12

Jill had 20 toys on the floor. She put some away and now there are 14 toys out. How many toys did she put away?

20	
14	

Fred had to write 19 cards. He wrote some and now he has 11 left to write. How many cards did he write?

19	
	11

Bob had 10 books. He read some and now he has 6 left. How many books did he read?

10	
6	

There were 14 balloons. Some popped and now there are 5. How many balloons popped?

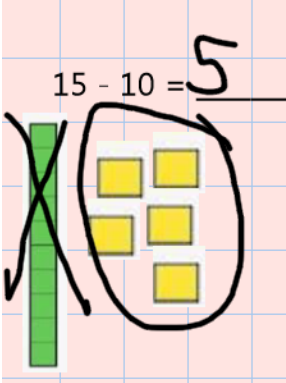
14	
	5

Reasoning

Sam has 10 balloons. Some popped and now he has 2 left. Sam says 7 balloons popped. Is he right? Prove it.

Friday – subtracting 10s


$15 - 10 = 5$



TTYP: How do we subtract 10.

1. make the first number
2. take away a tens piece
3. count up what's left

You can use pennies or pasta as the ones and pencils or pens for 10s to make the numbers OR draw the tens

$$17 - 10 = 7$$


$$21 - 10 = 11$$



$$23 - 20 = 3$$



and ones like this

Red	Orange	Green
$13 - 10 =$	$14 - 10 =$	Lotta buys 17 sweets. She gives 10 to her friends. How many sweets does she have left?
$15 - 10 =$	$19 - 10 =$	
$11 - 10 =$	$22 - 10 =$	
$17 - 10 =$	$36 - 10 =$	
$22 - 10 =$	$41 - 10 =$	
$26 - 10 =$	$25 - 20 =$	
	$38 - 20 =$	

Mary picks 23 daisies from her garden. 10 wilted. How many does she have left?

Jim scored 27 goals last season and 10 less this season. How many goals did he score this season?

Susie has 30 rubbers but loses 10. How many rubbers does she have left?

Olivia collects has 25 balloons but 10 of them pop. How many does she have left?

CHALLENGE: Olivia eats 36 chips for tea on Monday. On Tuesday she eats 20 less. How many chips did she eat on Tuesday?

CHALLENGE: Cameron finds 43 rocks in the playground. He throws 20 of them over the fence. How many rocks does he have left?

CHALLENGE: Sally has 32 cakes at her party. Her friends eat 20. How many cakes does she have left?

SUPER CHALLENGE: Write your own subtraction word problems

Reasoning

Bob says when you subtract 10 the tens get bigger.
Is he right? Prove it with 3 examples.