Class 11 Maths

As you are aware, having quick recall and knowledge of your times tables helps you with lots of other areas of maths. I would like you all to spend some time on Times Tables Rockstars. Please try and spend at least 20 minutes on TTRs. It is up to you what you choose to go on, but I would like you to complete another **soundcheck** this week so that I can see how you are doing.

https://play.ttrockstars.com/auth

Over the next few weeks, your maths work will be a recap of all of the work we have done in school and each of the different areas we have covered during the time away from school. Remember to use each of the methods that we have learnt and try you best.

Remember that as always, if there is anything that you are unsure of, send me an email and I will do my best to help. CPSClass11@corporationroad.darlington.sch.uk

This week, you will be recapping addition and subtraction. All of these questions will be concepts that we have looked at before.
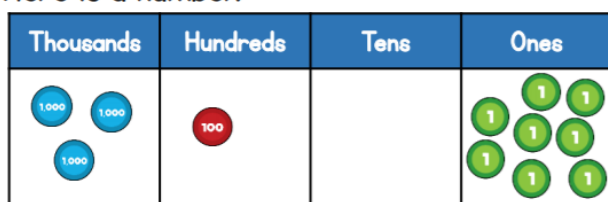
If you complete all of these questions, you will be able to:

1. Add numbers up to 4 digits, using formal written methods of columnar addition and subtraction.
2. Estimate the answer to a calculation and use inverse operations to check answers.
3. Solve addition and subtraction two step problems in context, decide which operations and methods to use and why.

Have a go at the few questions that I have set for you each day. Some days you may have more questions than others, but just work through at your own pace. I have only broken it up into days for you so that you know how much I would be expecting you to complete daily.
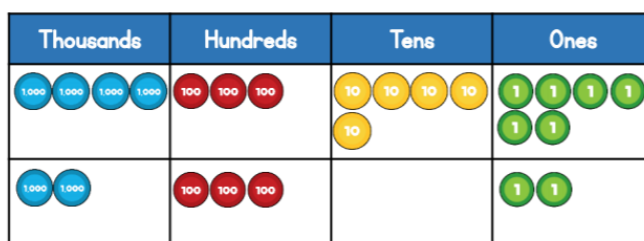
Monday

1 Here is a number.

Thousands	Hundreds	Tens	Ones
1,000 1,000 1,000	100		1 1 1 1 1 1 1 1

- Subtract 3 ones
- Add 2 thousands
- Subtract 1 hundred

What is the new number?

_____

2 Complete the missing digits.

		3		9
+	1	4	2	
	5		9	9

3 Calculate 4,356 + 2,302

Thousands	Hundreds	Tens	Ones
1,000 1,000 1,000 1,000	100 100 100	10 10 10 10 10	1 1 1 1 1 1
1,000 1,000	100 100 100		1 1

4 Calculate 438 – 177

Remember to show your working out for each of your answers. You can use any method that you find easiest. If you want to draw a place value grid to help you, that might be a good idea. Otherwise, use the formal written method.

5 Use the digit cards to complete the number sentence.

| 9 | 3 | 1 | 7 |

$2,345 + 102 > \square\square\square\square$

6 There are 6,128 people in a village.
2,503 are women, 2,811 are men and the rest are children.
Complete the bar model to represent this.

		?

How many children are there?

7 Tom and Hannah have £1 between them.
Tom has 12p more than Hannah.
How much do they each have?

Hint: the > sign means 'greater than' meaning that the digit card side would be a smaller number than the calculation side.

Wednesday

8 $718 + 395 = 395 +$ _____

$719 + 395 = 720 +$ _____

$2,719 + 4,395 = 3,719 +$ _____

9 Teddy is asked to estimate the answer to $1,923 + 3,246$
He says,

> I think the answer will be close to 4,000 because I have rounded the numbers and added 1,000 and 3,000

What is wrong with Teddy's estimate?
What would be a better estimate?

10 Add numbers up to 4 digits, using formal written methods of columnar addition and subtraction.

a) Add the following, using a column method; set your addition and answer in the box below:

1,354 + 2,622	2,689 + 5,732	2,462 + 1,022 + 234

b) Subtract the following, using a column method; set your subtraction and answer in the box below:

5,962 - 2,621	8,268 - 2,521	8,308 - 2,124

Thursday

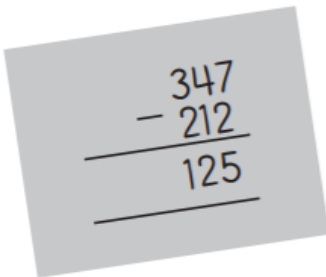**11** Estimate the answer to a calculation and use inverse operations to check answers.

a) Write down the calculation you would do to estimate the answer:

My estimate

3,462 + 1,985 =

4,789 - 2,221 =

b) Is this calculation correct? Show how you would check it using the **inverse**.

$$\begin{array}{r} 347 \\ - 212 \\ \hline 125 \end{array}$$

Friday

12 Solve addition and subtraction two step problems in context, decide which operations and methods to use and why.

Solve these problems and show your working out. Even if you get the wrong answer, you may get a mark for your working out.

A theatre holds 2,200 people. Across the week these were the tickets sold:

Tuesday	1,345
Wednesday	1,022
Thursday	1,244
Friday	1,990
Saturday	2,110

a) How many tickets altogether were sold on Thursday, Friday and Saturday? Show your working

b) How many unsold tickets were there on Tuesday and Wednesday? Show your working

These are the prices at Will's Corner Store:

Curly Crisps:
45p a packet

Juicy Juice:
60p

Mmmm minties:
35p a tube

Cheeky Choco:
60p a bar

c) Adam goes to Will's corner store. He buys: 3 bottles of juice, 1 cheeky choco bar, 2 packets of curly crisps and 3 tubes of Mmmm minties. He gives the shopkeeper £5. How much change does he receive?