

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** today so that I can see how you are doing. Your login is the same as the one you use in school.

<https://play.ttrockstars.com/auth>

You can also go onto Numberbots which uses the same login as TTRockstars. See the link below:

<https://play.numbots.com/#/account/search-school>

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.

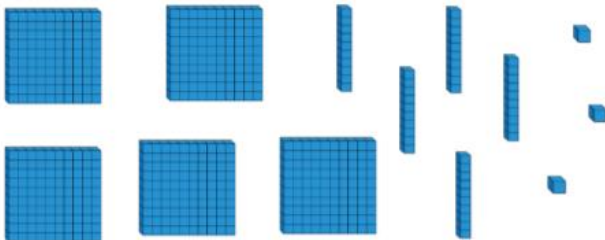
Remember that as always, if there is anything that you are unsure of, send me an email and I will do my best to help. CPSClass11@corporationroad.darlington.sch.uk



Monday

Monday-Wednesday this week will be a recap of fluency work in place value and Thursday and Friday will look at fluency in addition and subtraction.

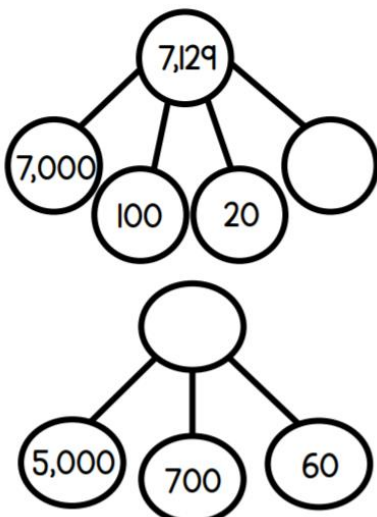
1 Circle 341



2 What number is shown on the place value grid?

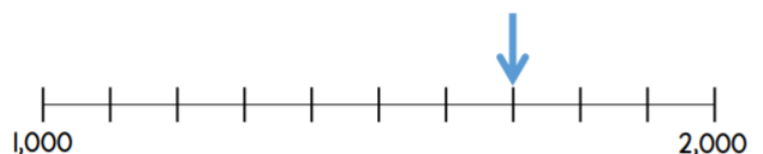
Thousands	Hundreds	Tens	Ones
1000 1000 1000			1 1 1

3 Complete the part-whole diagrams.



Draw more counters to make the number 3,048

4 What number is shown by the arrow?



Draw an arrow to the number 1,999

Tuesday

- 5 What is the value of the 5 digit in each of these numbers?

Match the correct number to the correct value.

511 5 thousands

5,103 5 hundreds

6,950 5 tens

695 5 ones

- 7 Complete the missing numbers.

6,100		6,200	6,250	6,300		
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- 6 Using the digit cards make an even number between 7000 and 8000



- 8 Jim makes a 4 digit number.
- The hundreds digit is a 7
 - The tens digit is one more than the thousands digit.
 - The sum of all the digits is 10
- What number did Jim make?

Wednesday

- 9 Circle which of the following is equal to 5,042

50 + 42 50 + 40 + 2

5000 + 400 + 2 5,000 + 40 + 2

- 10 Continue these number sequences:

9, 18, 27, 36, 45, _____, _____, _____, _____,
 775, 750, 725, 700, _____, _____, _____, _____,
 5, 4, 3, 2, _____, _____, _____, _____, _____,

Complete the table, showing the numbers in numerals and words.

2109	
	One thousand, two hundred and ninety-three.
29 431	
	Seventy-five thousand and ninety-eight.

- 12 Compare these numbers using <, > or =.

454 544 660 606

2 tens 4 ones 24 ones

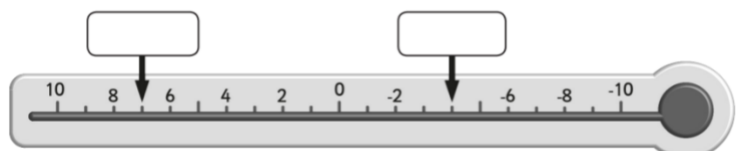
Thursday

- 13 Find 1,000 more or less than a given number.

1,000 less		1000 more
	1,026	
	14,321	

- 14 Count backwards through zero to include negative numbers.

a) Some of the numbers on the thermometer have been rubbed off, can you fill in the missing numbers?



b) Continue counting backwards in steps of 3.

6	3				
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15 Recognise the place value of each digit in a four digit number.

In each number say the value of the underlined digit:

number	value of underlined digit
3,4 <u>7</u> 8	
<u>2</u> ,099	
6,21 <u>9</u>	
8, <u>7</u> 23	

Friday

17 Round any number to the nearest 10, 100 or 1,000.

a) Round these numbers to the nearest 10

23	
155	
1,366	

b) Round these numbers to the nearest 100

567	
2,338	
12,445	

c) Round these numbers to the nearest 1000

3,362	
11,499	
216,733	

to:

- Count in multiples of 6, 7, 9, 25 and 1,000
- Find 1,000 more or less than a given number.
- Count backwards through zero to include negative numbers.
- Recognise the place value of each digit in a four-digit number.
- Order and compare numbers beyond 1,000.
- Read and write numbers up to 1,000 in numerals and in words.
- Round any number to the nearest 10, 100 or 1,000.
- Solve number and practical problems that involve all of the above and with increasingly large positive numbers.

16 Order and compare numbers beyond 1,000.

a) Order the following numbers from smallest to greatest.

6,977	8,432	1,032	9,321	2,854	6,782

b) Compare the numbers below using < > or =

	< > or =	
3,499		3,944
4,058		4,058
12,688		8,901
5,006		5,066
11,347		11,307

18

Solve number and practical problems that involve all of the above and with increasingly large positive numbers.

Here is a list of the length of some of the greatest rivers in the world.

Name of river	Length	Rounded to the nearest 1000km
Congo	4,700 km	
Amazon	6,400 km	
Nile	6,695 km	
Indus	3,180 km	
Yellow River	6,650 km	

If you have completed all of the work this week, you are able

- Complete the table by rounding each river to the nearest 1000 km.
- Order the names of the rivers from the longest to the shortest.

longest river	
↓	
shorter river	

c) How much shorter is the Yellow River than the Nile? Show your working

answer: km