



## Year 5 Maths Tasks – Tuesday 31<sup>st</sup> March 2020

We have worked so hard this term to improve and secure our written methods for addition, subtraction, multiplication and division. We don't want your skills and fluency to regress whilst you are working at home so we are going to work through some methods and calculations to help keep your skills as sharp as possible.

**Parents:** The children are using the 'column' method of subtraction that is the same as the way you were taught at school. We do exercises like these at least once a week in class and have been applying these through recent arithmetic tests, so the children should be able to tell you which column they are working in. Once they are secure and accurate, help them to move into the next column. By the end of year five, they should be fluent in subtracting whole numbers of 5-digit or more. In class, I would expect to see an entire column completed and an attempt at some in the next hardest row.

**Children:** Focus on your number formations and ensuring your layout is as perfect as it can be. If you have squared paper, you can use that. Remember to use one number per box. Finally, remember to copy carefully – lots of your errors happen because you have copied the calculation incorrectly! Remember when exchanging to not make the exchanged number too big.

Subtracting 3 digits and 3 digits	Subtracting 4 digits and 3 digits	Subtracting 4 digits and 4 digits	Subtracting 5 digits and 5 digits
457 - 235 =	1899 - 573 =	5956 - 1129 =	74321 - 13934 =
674 - 321 =	3874 - 286 =	9835 - 7026 =	52413 - 23120 =
564 - 442 =	8321 - 397 =	5018 - 2046 =	85232 - 71401 =
784 - 621 =	7256 - 512 =	6792 - 6677 =	82653 - 18341 =
753 - 128 =	3641 - 150 =	5524 - 1774 =	53145 - 32672 =
682 - 257 =	8537 - 261 =	6027 - 4818 =	46581 - 13623 =

When you have completed your calculation work, apply your skills to these worded problems.

1. Jay has a collection of 263 football cards and his brother has 189. How many more does Jay have?
2. Jenny has £5.87 she spends £2.47 on some new stationery. How much does she have left?
3. There are 11238 picture books in the library. On Monday 2333 were taken out and on Tuesday 3212 were taken out. How many are left in the library?
4. Yesterday 4672 people visited the steam engine museum. 2585 of them were children. How many were adults?
5. There were 70,059 spectators at the Twickenham rugby stadium to watch the opening ceremony of the Rugby World Cup. 5,724 were children. How many adults were there?
6. Yesterday, a shipping company delivered a combined total of 98,686 letters and parcels. If they delivered 48,666 parcels, how many letters did they deliver?
7. Rangers at Columbia Lake stocked the lake yesterday with a total of 93,666 fish. 50,633 of the fish were trout and the rest were catfish. How many of the fish were catfish?
8. Nature's Best Water sells sparkling and plain bottled water. Since the company started, they have sold a total of 77,697 litres of bottled water. If they have sold 23,607 litres of plain bottled water, how many litres of sparkling bottled water has the company sold?
9. Scientists estimate there are a total of 83,454 parakeets living in a particular part of the rainforest. They also estimate that 43,450 of these parakeets are female. If they are correct, how many male parakeets live in that part of the rainforest?

**Further Tasks:** Work on your place value knowledge by partitioning your answers! For example,  $34+12 = 46$ . The partitioned answer would be  $40 + 6 = 46$ . A larger number would look like this:  $134+125 = 259$ . You would show this as:  $200 + 50 + 9 = 259$ .