



Maths Home Learning Terms 5 & 6

Year 5 & 6	Numbers and the Number System	Fractions, decimals and percentages	Operations	Mental maths	Solving numerical problems	Written methods
I know and understand	1) How many different numbers can you make with these digits?  5 7 1 4  Put the numbers in order from smallest to largest.	5) What numbers can you make using all of these digits; 9 4 6 1 3 7 and a decimal point? Put the numbers in order from smallest to largest. Minimum of 10 numbers.	9) Which of the numbers from 1-20 can you make with; 2 3 4 5? You can use any operation but you must use ALL the digits in each calculation.	13) An odd number multiplied by an odd number produces an even number.  Is this always true, never true or sometimes true?	17) ? multiplied ? = ? ? divided ? = ? What 3 numbers could you use to make these inverse operations correct? Try a range of sets.	21) Make up your own Maths Home Learning task and complete it!
I can show what I know	2) The answer to a division question is 6. What might the question be? Write at least 5 examples.	6) A fraction where the denominator is 10 is bigger than a half.  Is this always true, never true or sometimes true?	10) I think of a number, subtract 15 and then x the answer by 4. I get the answer of 130. What number did I start with?	14) How quickly can you answer these questions? 14 x 50      42 x 20 23 x 20      56 x 50 What mental strategies did you use?	18) Create a poster. If you know that $4 + 3 = 7$ , then what else do you know?	22) I divide a four digit number by 100. The answer is between 70 and 75. What could the four-digit number be?
I can apply what I know	3) I am thinking of a number where all the digits go odd, even, odd, even etc. When I add all the digits together the answer is 25. What could my number be?	7) You friend has 2 identical chocolate bars. You love chocolate! Your friend offers you $\frac{3}{4}$ of one bar or $\frac{4}{5}$ of the other. Which one would you choose and why?	11) I'm thinking of 2 digits. They have a sum of 13 and a product of 36. What are the digits?	15) The target number is 68. Use EACH of these numbers once to make the target number: 1 4 5 13 15 You can use any method you like.	19) What are the factors of 6, 12 and 18? What's the same, what's different? Why?  What other numbers have the same common factors? Why?	23) Generate two pairs of 4 digit numbers. Add them together using the formal written method and then check your answer by doing the inverse. Repeat this 6 times.
I can create	4) Make a poster to illustrate the rules about rounding numbers.	8) Can you write a song/rap to teach a younger child about percentages? You can use any style you like.	12) Can you create a mind map showing everything you know about multiplication and division?	16) Can you think of a creative way to help children to learn their timetables?	20) Think of all of the mathematical words beginning with "M" and display them in an interesting way.	24) Write instructions to teach someone how to multiply, divide, add or subtract.