

Summer Term - Math's Homework - Year 1

Task/Activity Number	Task/Activity	Tick When Complete
1	<p><i>Telling the time</i> - using an analogue clock/watch, read the time. Ask an adult to move the hands on a clock/watch manually to show different times representing ' _ o'clock' or 'half past _'.</p> <p><u>Challenge</u>: After reading the time on a clock/watch, go forwards and backwards by one hour or half an hour and tell what the time would be</p>	
2	<p><i>Measuring</i> - have a go at measuring different things that you have in your home in grams and millilitres. For example, 200g of flour OR 155g of milk</p> <p><u>Challenge</u>: Find different objects that can hold liquids and measure their capacity</p>	
3	<p><i>Addition</i> - grab a pair of dice (perhaps from a board game). Roll the pair and use the two numbers shown to create an equation that you need to solve, for example, '5' and '3' become '$5 + 3 = ?$'</p> <p><u>Challenge</u>: roll one dice three times. Put the first two numbers rolled together to make a two-digit number. This time you should have a two-digit number and a one-digit number to add together</p>	
4	<p><i>Subtraction</i> - do as above with the rolling of the dice but this time you need to subtract the smallest number from the largest, for example, '$6 - 3 = ?$'</p> <p><u>Challenge</u>: using an interactive number line (you can find one on the website called 'Topmarks'), solve these problems: $89 - 4 =$, $75 - 2 =$, $40 - 9 =$, $69 - 7 =$</p>	
5	<p><i>Money</i> - pick five of your favourite toys and write an amount of money between 1p and £1, for example 56p. Try to figure out what coins you could use to buy each toy. Write down the coins you would use</p> <p><u>Challenge</u>: if an adult in your home has any coins or notes, have a go at adding them together. Think about your pounds and pence. If they don't, chose five coins or five notes and add them together</p>	
6	<p><i>Multiplication</i> - write down the numbers 1-10 and cut/rip around them. On another piece of paper, write the numbers 2, 5 and 10 and cut/rip around them. Put the first ones in one cup and the second ones in a different cup. Pick two numbers (one from each cup) and times them together. Write down your equations and your working</p> <p><u>Challenge</u>: See how many equations you can write down and answer in two minutes</p>	
7	<p><i>Division</i> - start off with the 'Doggy Division Dinners' on Topmarks. Share the bones equally between the bowls. If you find this easy, move on to these questions: $32 \div 4 =$, $56 \div 7 =$, $40 \div 10 =$, $21 \div 3 =$, $63 \div 9 =$, $12 \div 6 =$</p> <p><u>Challenge</u>: move on to these questions using objects that you have in your home to share, for example, marbles or pencils: $12 \div 4 =$, $20 \div 10 =$, $21 \div 3 =$, $8 \div 4 =$, $12 \div 6 =$. Show your working by writing it down</p>	
8	<p><i>Fractions</i> - draw a circle, a square, a triangle, a rectangle and an oval. Split the oval in half, the triangle into thirds, the circle into quarters, the rectangle in half and the</p>	

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	<p>square into thirds. Colour $\frac{1}{2}$ of the oval, $\frac{2}{3}$ of the triangle, $\frac{3}{4}$ of the circle, $\frac{2}{2}$ of the rectangle and $\frac{1}{3}$ of the square</p> <p><u>Challenge</u>: answer these questions - What is $\frac{1}{2}$ of 14? What is $\frac{1}{4}$ of 24? What is $\frac{1}{3}$ of 21? What $\frac{2}{4}$ of 16? What is $\frac{2}{3}$ of 30? What is $\frac{3}{4}$ of 36?</p>	
9	<p><i>Place value</i> - using the given numbers, write down the value of the chosen digits, e.g. What is the value of '4' in '247'? It would be 4 tens.</p> <ul style="list-style-type: none"> - What is the value of the '5' in 56? - What is the value of the '3' in 123? - What is the value of the '8' in 581? - What is the value of the '1' in 167? - What is the value of the '4' in 2466? - What is the value of the '9' in 9302? - What is the value of the '7' in 6547? - What is the value of the '2' in 4928? <p><u>Challenge</u>: work out and write down the value of each digit in the given numbers and write it down like this: 523 5 hundreds, 2 tens and 3 ones</p> <p>671 502 148 359 934 8003</p>	
10	<p><i>Direction</i> - with an adult, give each other directions to chosen objects, such as the table or the sofa. You can only use the language: forwards, backward, left and right</p> <p><u>Challenge</u>: Instead of directing your adult on the spot, you must write down a set of instructions to get your adult from one place to another, for example, from the chair to the window. You must only use the language listed above</p>	
11	<p><i>Statistics</i> - with an adult, go outside and stand by a road with cars driving past. Tally the amount of red, black, silver, yellow and blue cars you see in five minutes</p> <p><u>Challenge</u>: Which coloured car did you see the most? Which coloured car did you see the least? How many black and blue cars were there altogether? How many cars were there in total? How many cars are left if you take away two silver cars?</p>	
12	<p><i>Times tables</i> - see if you can recall all of the 2, 5 and 10 times tables to an adult. Have them write down any mistakes you make so that they can go over them with you afterwards. If you make no mistakes, get them to give you random quick-fire questions from each table to see how quickly you can answers them correctly</p> <p><u>Challenge</u>: go onto https://www.timestables.co.uk/speed-test/ and choose either the 2s, 5s or 10s and see how many equations you can complete in the given time. Let us know of your record breaking times</p>	
13	<p><i>Length and height</i> - using a ruler or tape measure, measure the length and height of different objects in your home, for example, pen = 9cm, chair = 96cm. You must measure at least eight different objects and write down their lengths</p> <p><u>Challenge</u>: measure the height of each member of your family. Write them down and get them to measure you too. If they are too tall for you to reach, if they can, you could ask them nicely to lie down on their back</p>	