

Year 3	Number and the number system	Fractions	Operations and relationships between them	Mental methods	Solving numerical problems	Written methods
I know and understand	Use the numbers 1,2,3,4,5,6,7,8,9,10 Find different ways to make 15 using three numbers each time.	Find $\frac{1}{4}$ of a number (12, 20, 28, 60, 80). When you have found the $\frac{1}{4}$, show how this will help you find $\frac{3}{4}$	Using the digits 2, 3, 4, 5, and 6 write as many multiplication statements as you can and their corresponding division sentence ($2 \times 5 = 10$ $10 \div 5 = 2$)	Write in words how you would solve these number sentences... $21 + 42$ $\pounds 1.99 + \pounds 2.99$ $131 - 11 =$ $36 \times 10 =$	When I multiply a number by 5 the unit number is either 5 or 0. Do other tables have pattern in the units? Explore with different tables.	Record your written methods to solve... $15 \times 3 =$ $\pounds 1.37 + 52p =$ $163 + 96 =$ $437 - 101 =$
I can show what I know	Write a 3 digit number. Write the number that is 100 more and the number that is 100 less. Try this with other 3 digit numbers	$\frac{1}{3}$ of <input type="text"/> is <input type="text"/> How many ways can you complete this number sentence?	$36 \div \square = \square$ How many pairs of numbers complete this division?	Choose a table fact. Explain to an adult how "What I know" can help you make links to find other table facts. (double 5×2 gives you 10×2 so double 10 is 20.	Create a grid to show what happens when you multiply a number by 10 and 100. Create a place value grid to show what happens when you divide by 10 and 100.	$24 \times 6 = 166$. Is this correct? Use partitioning to show your working out. If it is wrong can you show where the mistake was? What should the answer be?
I can apply what I know	Two numbers have a difference of 4 and a total of 18. Which numbers are they? Make up some more problems like these.	http://www.counton.org/games/mapfractions/falling/ Choose games to try your fractions knowledge	Find different ways to share 48 cubes. Write a multiplication and a division number sentence for each. Can you do the same using 24 cubes?	Google IXL maths. Go to the Y3 sections and choose topics to try.	http://topicbox.net/mathematics/money/5907	Find a cake recipe and write it out. Write out the recipe to show what you would need if you wanted to bake twice the amount.
I can create	Create a missing numbers quiz for someone in your family to solve. Give them some number clues to help them. (4,8,_,_,20,_)	Can you create a fraction snap game to play with someone in your family?	A square pool has sides of 12m long. If you walked around the edge of it how far would you walk? Write the calculation you did to work it out. Create similar problems for someone in your family to solve.	Can you say your 6x table facts as a rap? Can you do it with another table?	Create a "steps to success" chart to explain how you would do column addition.	Create a set of instructions to explain how you would add 99 to some 3 digit numbers. Can you write them for subtracting 99 from a 3 digit number?

REMEMBER WE ARE ALSO LEARNING OUR 10X,2X,3X,4X,5X,6X,8X TABLE FACTS (BOTH MULTIPLICATION AND DIVISION). Practice them as often as you can.