

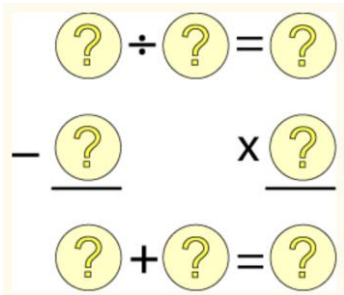
Year 5 Number Knowledge – Autumn 1

Each term, your child will focus on two areas to help them with their understanding of number. We would like you to choose one of the following activities to complete at home each week.

Counting: *Understanding 10s and mental addition and subtraction*

Get a family member or friend to write down a multiple of 10 (the more digits the better). You must say the number aloud and then say how many tens that number has. E.g. 47,320 is the same as 4,732 tens 8,630 is the same as 863 tens CHALLENGE: Do you notice any patterns?	Get a family member or friend to write down a four-digit number. Roll a die (or choose a number yourself) and multiply this number by 10 then add it to the four-digit number. E.g.  4528 + 50 = 4578 CHALLENGE: try the same activity but subtract the multiple of 10.
Write down a four-digit number. Now set a 1 minute timer. Your challenge is to write down as many addition and subtraction calculations as you can that include multiples of 10. E.g. 4709 + 20 = 4759 - 30 = 4639 + 90 = 4809 - 80 = 4729 4719 + 10 = 4699 + 30 = CHALLENGE: can you do it again and beat your score?	Try the following online game: http://www.snappymaths.com/mixed/addsubmult10100/interactive/addsubpowers10/addsubpowers10.htm SUPPORT: try the game without a timer.

Multiplication tables and related division facts: *Speed recall and problem solving*

 Play on TTRockstars. https://ttrackstars.com/ If you are having problems logging in, please speak to us and we can help.	The coloured shapes stand for 11 of the numbers between 0 – 12. Each shape is a different number. Can you work out what they are from the multiplication below?  x  x  =   x  =   x  =   x  =   x  =   x  =   x  =   x  =   x  =   x  =   x  =   x  = 
Can you put the numbers 1 to 8 into the circles so that four calculations are correct? 	Create your own game to help a child in year 4 to learn their times tables. Make sure it is fun to play and try to include different levels of challenge within your game.

