




Maths Puzzle of the Week 2 : 25th January 2019

We hope you enjoyed last week's puzzle. We only had 2 students who handed in answers, one of which was right and the other almost right, so well done to you.

Lots of you may have missed the puzzle last week, have a go this week!

Answers to Mrs Harbour in M13 before the end of next Thursday please, either by email or in person. The solutions will follow in next week's newsletter.

This week's puzzle 54: 25 th January	Last week's answer 52: 18 th January
<p>Q54</p>  <p>A man sets out on a journey. On the first day he covers half the journey. On the second day he covers a third of the remaining distance. On the third day he covers one third of the remaining distance, On the fourth day he covers one half of the remaining distance. If he then has 37 miles left to travel, how far has he travelled so far ?</p>	<p>A52</p> <p>(a) 111</p> <p>(b) $2^{22} = 4194304$</p> <p>(c) $4^{4^4} = 4294967296$ working as $(4^4)^4$ or = 13407807929942597099574024998205846127 47936582059239337772356144372176403007 35469768018742981669034276900318581864 860508537538828119465699464336490060840 96 (This is all one number.) working as $4^{(4^4)}$</p>

NSPCC Number Day

Next Friday, 1st February, is NSPCC Number Day. I will be organising activities in M13 over lunchtime and there will also be a number-related competition for students to enter. The cost of entry will be a donation and there will be a prize for the winner. All proceeds from the day will be given to the NSPCC so your contributions will be gratefully received.

Ms L Harbour, Maths Teacher

