Number of the Week (Year Six)

LPDS
Lancashire Professional Development Service

Find 10 more	Write the value of each digit	Divide by 1000	Is 9 a factor? Explain.	Round it to the nearest 1000
1,987,664	1,000,000 900,000 80,000 7000 600 50 4	**1,987.654**	**9 is a not a factor because the sum of the digits (1 + 9 + 8 + 7 + 6 + 5 + 4) is not divisible by 9**	**1,988,000**
Double it	Find 10,000 less	This week's number is **1,987,654**	Halve it	Reverse the digits to make another number then find the difference between them
3,975,308	**1,977,654**		**993,827**	**2,580,237**
Round it to the nearest 10,000	Find 0.001 less	Reverse the digits to make another number then add them together	Is it prime or composite? Explain.	How many more to make ten million?
1,990,000	**1,987,653.999**	**6,555,545**	**It is composite. The last digit is 4 so it must be a multiple of 2.**	**8,012,346**