

13.1.21 Deepening challenge

4b. Chloe is thinking of a number. She gives the following clues:



It is an odd 6-digit number.  
It is the result of multiplying a 4-digit number by 51.  
The 4-digit number has a digit sum of 4.

What is the smallest number Chloe could be thinking of?



PS

Teddy has spilt some paint on his calculation.

		2		6	9
x				2	
	2	2	9	5	2
	1	5	1	7	1
	1	0	1	3	3
	1	1	1	3	2

What are the missing digits?

What do you notice?