

Year 5

Varied fluency examples

1) Roll the dice to generate a 5 digit number.

Write the number in *words* and *numbers*

E.g. 23478

Twenty three thousand, four hundred and seventy eight.

2) What is the largest number you can make using these numbers?



3) What is the smallest number you can make using these numbers.

Repeat this task 3 times.

- Give the value of 3 and 6 in each number. One has been done for you.

Number	Place value of 3	Place Value of 6
3,462	3000 or three thousands	60 or 6 tens
43,726		
69,314		
306,222		

Complete the table.

Start number	Rounded to the nearest 10	Rounded to the nearest 100	Rounded to the nearest 1,000
			
			
DCCLXIX			

Reasoning examples

Hannah says

Using the digits 0-9 I can make any number up to 1,000,000

Is she correct?
Convince me.

Write your answer in here.

- I am a 4 digit number.
- I am 5000 rounded to the nearest 1000.
- If you round me to the nearest 10, I round up not down.
- I am odd.
- Who am I?

5638	4753	4029	5214
5029	4327	6118	4841

Problem Solving examples

My number rounded to the nearest 10 is 1,150
Rounded to the nearest 100 it is 1,200
Rounded to the nearest 1,000 it is 1,000

Nathan



What could Nathan's number be?

Can you find all of the possibilities?

Using digit cards 0-9, create three different five-digit numbers that fit the following clues:

- The digit in the hundreds column and ones column has a difference of 2
- The digit in the hundreds column and the ten thousands column has a difference of 2
- The sum of all the digits totals 19