

Name

Date



## 5-DIGIT NUMBER CHALLENGES 1

**Use the digits 3, 1, 2, 6, 9 to make a 5-digit number each time.**

1)	What is the largest 5-digit number you can make with the digits?	
2)	Subtract 90 from this number.	
3)	What is the smallest 5-digit number you can make?	
4)	Add 900 to this number.	
5)	What is the largest even number you can make?	
6)	What is the number closest to 40,000 you can make?	
7)	What is the number closest to 60,000 you can make?	
8)	Make a 5-digit number which is a multiple of 3.	
9)	Make a 5-digit number which is a multiple of 4.	
10)	Write down 5 different numbers between 63,000 and 64,000 that you can make.	
11)	Write these 5 numbers in order from smallest to largest.	
12)	<b>Look at the number 31,926</b>	
	Round it to the nearest 10.	
	Round it to the nearest 100.	
	Round it to the nearest 1000.	
	Round it to the nearest 10,000.	

Name

Date



## 5-DIGIT NUMBER CHALLENGES 1 ANSWERS

**Use the digits 3, 1, 2, 6, 9 to make a 5-digit number each time.**

1)	What is the largest 5-digit number you can make with the digits?	96,321
2)	Subtract 90 from this number.	96,231
3)	What is the smallest 5-digit number you can make?	12,369
4)	Add 900 to this number.	13,269
5)	What is the largest even number you can make?	96,312
6)	What is the number closest to 40,000 you can make?	39,621
7)	What is the number closest to 60,000 you can make?	61,239
8)	Make a 5-digit number which is a multiple of 3.	any 5-digit number made with the digits (in any order) will be a multiple of 3
9)	Make a 5-digit number which is a multiple of 4.	the last 2 digits must be divisible by 4
10)	Write down 5 different numbers between 63,000 and 64,000 that you can make.	<b>Any 5 of these 6</b> 63,129 63,192 63,219 63,291 63,912 63,921
11)	Write these 5 numbers in order from smallest to largest.	See above
12)	<b>Look at the number 31,926</b>	
	Round it to the nearest 10.	31,930
	Round it to the nearest 100.	31,900
	Round it to the nearest 1000.	32,000
	Round it to the nearest 10,000.	30,000