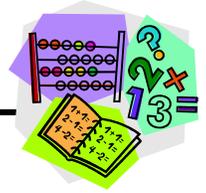# Numeric and Word Forms

Recognizing and writing word forms of numbers is important in some workplace situations and when writing cheques.

Numbers can be represented in two ways.

1. In **numeric** form   e.g., 10, 25, 179

2. In **word** form   e.g., ten, twenty-five, one hundred seventy-nine

Numbers are written in words by identifying where each number is located in the place value chart, starting from **left to right**.

REMEMBER:
Place a **hyphen (-)** between the **tens** and **ones** place values.
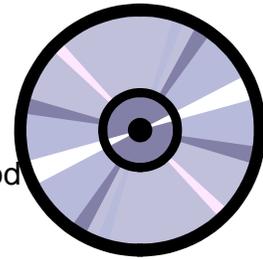
E.g., twenty-four, four thousand seventy-nine

A) Look at the following numeric and word forms.

- 1400 in writing is one thousand four hundred.

- 23 756 in writing is twenty-three thousand seven hundred fifty-six.

- 45 921 in writing is forty-five thousand nine hundred twenty-one.

- 762 367 in writing is seven hundred sixty-two thousand three hundred sixty-seven.

- 3 436 188 in writing is three million four hundred thirty-six thousand one hundred eighty-eight.

These numbers are shown in the place value chart below.

One **Millions**	Hundred **Thousands**	Ten **Thousands**	One **Thousands**	Hundreds	Tens	Ones
			1	4	0	0
		2	3	7	5	6
		4	5	9	2	1
	7	6	2	3	6	7
3	4	3	6	1	8	8

B) The music and recording industry sell millions of dollars worth of music CDs each year.

Just imagine the sales they will have over a ten-year period and the large numbers they work with!

The numbers below have been placed in the place value chart.

| 35 000 | 460 950 | 3 000 000 | 72 500 000 | 250 634 750 |

8 325 400 000   15 000 005 000   675 000 000 000

billions			millions			thousands			units		
hundreds	tens	ones	hundreds	tens	ones	hundreds	tens	ones	hundreds	tens	ones
							3	5	0	0	0
						4	6	0	9	5	0
					3	0	0	0	0	0	0
				7	2	5	0	0	0	0	0
			2	5	0	6	3	4	7	5	0
		8	3	2	5	4	0	0	0	0	0
	1	5	0	0	0	0	0	5	0	0	0
6	7	5	0	0	0	0	0	0	0	0	0

These numbers in **word form** are written in order from smallest to largest as follows:

35 000	thirty-five thousand
460 950	four hundred sixty thousand nine hundred fifty
3 000 000	three million
72 500 000	seventy-two million five hundred thousand
250 634 750	two hundred fifty million six hundred thirty-four thousand seven hundred fifty
8 325 400 000	eight billion three hundred twenty-five million four hundred thousand
15 000 005 000	fifteen billion five thousand
675 000 000 000	six hundred seventy-five billion.

Practice: Numeric and Word Forms

1. Fill in the missing information for each of the charts.

Number	Number in Words
	forty-eight
	fifty
53	
	fifty-six
61	
51	
	sixty-two
67	
70	
	eighty-seven
94	

Number	Number in Words
	two hundred twenty-seven
	eight hundred forty-six
	six hundred nine
	four hundred
	seven hundred fifty-two
	three hundred four
	nine hundred thirty-one

Number	Number in Words
425	
172	
551	
308	
999	
612	
801	
535	
240	

2. Practise writing numbers in numeric and word forms by filling in the missing values in these cheques.

PAY TO THE
ORDER OF _____ $ [   ]

One thousand two hundred sixty _____ DOLLARS

19 _____

FOR _____ _____

PAY TO THE
ORDER OF _____ $ [   ]

Twenty-two thousand four hundred fifty-five _____ DOLLARS

19 _____

FOR _____ _____

Cheque 1

_____ 19_____

PAY TO THE
ORDER OF _____ $ [   ]

Four hundred thirty-two thousand _____ DOLLARS

FOR _____   _____

Cheque 2

_____ 19_____

PAY TO THE
ORDER OF _____ $ [   ]

Six hundred fifty-three thousand two hundred ninety-five DOLLARS

FOR _____   _____

Cheque 3

_____ 19_____

PAY TO THE
ORDER OF _____ $ [2350.00]

_____ DOLLARS

FOR _____   _____

Check 1

19 _____

PAY TO THE
ORDER OF _____ $ **42 000.00**

_____ D O L L A R S

FOR _____

Check 2

19 _____

PAY TO THE
ORDER OF _____ $ **675 000.00**

_____ D O L L A R S

FOR _____

Check 3

19 _____

PAY TO THE
ORDER OF _____ $ **97 716.00**

_____ D O L L A R S

FOR _____

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3. The table below shows the population of each of Canada's provinces and territories. Write each population total out in word form.

Province/Territory	Population: Numeric Form	Population: Word Form
British Columbia	3 907 738	
Alberta	2 974 807	
Saskatchewan	978 933	
Manitoba	1 119 583	
Ontario	11 410 046	
Quebec	7 237 479	
New Brunswick	729 498	
Nova Scotia	908 007	
Prince Edward Island	135 294	
Newfoundland	512 930	
Yukon Territory	28 674	
Northwest Territories	37 360	
Nunavut	26 745	

4. Pick three of the numbers from each chart and try to say them out loud.
   Then, write out all of the numbers in **word form** on a separate piece of paper.

Table A

One Millions	Hundred Thousands	Ten Thousands	One Thousands	Hundreds	Tens	Ones
			5	2	5	3
		6	1	3	2	5
		9	4	7	3	8
	8	7	2	1	9	5
	1	2	5	6	0	4
	9	3	8	8	4	1
2	3	1	7	5	3	2

Table B

billions			millions			thousands			units		
hundreds	tens	ones	hundreds	tens	ones	hundreds	tens	ones	hundreds	tens	ones
					1	5	4	0	0	0	0
				9	3	2	0	0	0	0	0
			2	8	6	5	4	0	0	0	0
		6	0	0	0	0	0	0	0	0	0
	7	0	5	0	0	0	0	0	0	0	0
4	2	3	1	3	1	6	0	0	0	0	0

Practice: Solving Word Problems with Numeric and Word Forms

Use a place value chart to help you with these large numbers.

1. A village is defined as a location that has between 1 and 999 people.
    A 2001 census lists the populations of these three Alberta villages as:

    > Alliance – 169 people
    > Forestburg – 930 people
    > Consort – 696 people.

    Write each of these population figures out in words.
    Round each to the nearest hundred and add them together.

2. Karen got a job tree planting in northern Alberta. Her crew was responsible for planting trees in an area of 5 km^2. Karen's group was required to plant eight thousand seven hundred twelve spruce trees, five thousand four hundred thirty evergreen trees, and two thousand five hundred one poplars.

    a) Write out all the numbers in numeric form.

    b) How many more spruce trees were being planted than poplars?

    c) How many trees were being planted in total?

3. Jasmine's manufacturing company received two written invoices from a huge toy store. The company placed an order for 28 565 kites and 60 029 bubble-makers. A few weeks later they placed an order for twenty-eight thousand one hundred seventeen hoops and sixty thousand twenty-eight skipping ropes.

    a) Write out all the numbers in numeric form.

    b) Which order was greater: the bubble-makers and the kites or the skipping ropes and the hoops?

    c) By how much?

4. In July 2000, the population of the United States was approximately two hundred seventy-five million six hundred seventy-three. The population of China was one billion two hundred sixty-one million eight hundred thirty-two thousand four hundred eighty-two and the population of Canada was thirty-one million two hundred eighty-one thousand ninety-two.

   a) Write out all the numbers in numeric form.

   b) Estimate how much greater the population of China was than the populations of both Canada and the United States. Write your answer in numeric and word form.