

Math - Rounding Numbers

Outcome:

Use estimation strategies in problem-solving contexts.

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Vasco looked up the total land and fresh water area of each Western Province

Province	Land & Fresh Water (Km)	Rounded to the Nearest Hundred Thousand	Rounded to the Nearest Ten Thousand	Rounded to the Nearest Thousand
British Columbia	944 735			
Alberta	661 848			
Saskatchewan	651 036			
Manitoba	647 797			

Round each number to the nearest thousand.

561 372

110 283

983 871

453 666

M. WATT

# REPRESENTING Numbers in the Millions

FEB/25/21

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### CHECKING

1 A)

MILLIONS			THOUSANDS			ONES		
H	T	O	H	T	O	H	T	O
		8	1	4	2	3	2	0

B) 8 million 142 thousand 3 hundred 20

C) Germany has about twice as many internet subscribers as Canada.

### Practising

2a)

MILLIONS			THOUSANDS			ONES		
	1	3	4	9	1	7	5	6

13 491 756

3

8

9



## Checking

- In 2007, Canada had 8 142 320 high-speed Internet subscribers.
  - Write this number on a place value chart.
  - Write the number the way you would read it:  
 ■ million ■ thousand ■
  - Which country in Kendra's chart had about twice as many high-speed Internet subscribers as Canada?

## Practising

- Write each number on a place value chart. Then write each number in **standard form**.
  - 13 million 491 thousand 756
  - 563 million 372 thousand 412
- Write each number the way you would read it.

a)

Millions			Thousands			Ones		
H	T	O	H	T	O	H	T	O
5	0	6	1	8	8	2	7	4

b)

Millions			Thousands			Ones		
H	T	O	H	T	O	H	T	O
	3	7	1	7	9	4	3	8

- What is the greatest number you can create using nine digits? Explain your thinking.
- Which single digits can you place in the box to make the following statement true? Explain.  
 ■ 91 768 478 > 793 999 999
- In Kendra's chart, 17 472 000 high-speed Internet subscribers in Germany looks like an estimate. Why might estimating a number to the nearest thousand be helpful?
- Explain why each number is a different name for 310 million. Use a place value chart.
  - 310 000 thousands
  - 31 ten millions
  - 3100 hundred thousands