Grade 6 Math Homework October 22nd – 26th

Please answer these questions in your math homework notebook. Make sure to clearly write the date and label each of your answers. If you have any questions about this work, please see Ms. Delorme or Mrs. Marshall before Friday.

1. Complete this chart. Include standard form, expanded form, and the word form for each number.

Standard Form	Expanded Form	Word Form
30 141		
	5 ten thousands + 1 ten	
	70 000 + 5 000 + 300 + 4	
		Eighty-eight thousand, four hundred twelve
423 012		

2. The expanded form of a number shows the value of its digits from left to right. How is that helpful?

Rename each number below in two or more different ways.
Remember, when you are renaming a number, you are not changing its value. You can use a place value chart to help you.

For example, the chart below shows that 100 000 is ... 1 hundred thousand 10 ten thousands 100 thousands 1000 hundreds 10 000 tens

Hundred thousands		Thousands	Hundreds	Tens	Ones
1	0	0	0	0	0
	10	0	0	0	0
		100	0	0	0
			1000	0	0
				10 000	0

a) 600 000

Hundred	Ten	Thousands	Hundreds	Tens	Ones
Thousands	Thousands				
6	0	0	0	0	0

b) 90 000

Hundred	Ten	Thousands	Hundreds	Tens	Ones
Thousands	Thousands				
	9	0	0	0	0

c) 100 000 000

Hundred Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
1	0	0	0	0	0	0	0	0

- 4. Which representation below does **not** show that 100 000 is greater than another number?
 - **A** 100 000 is half of 200 000.
 - **B** 100 000 is 100 thousands.
 - **C** 100 000 is 90 000 + 10 000.
 - **D** 100 000 on a place-value chart like this:

Hundred thousands	Ten thousands	Thousands	Hundreds	Tens	Ones
•					
1	0	0	0	0	0

5. Complete the statement below three ways.

1 000 000 is _____ units of _____, so 1 000 000 = _____ x ____.

- 1 000 000 is _____ units of _____, so 1 000 000 = _____ x ____.
- 1 000 000 is _____ units of _____, so 1 000 000 = _____ x ____.