## Grade 6 Math Homework

October $22^{\text {nd }}-26^{\text {th }}$

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 |
| :--- | :--- | :--- |
| 30141 | 5 ten thousands + 1 ten |  |
|  | $70000+5000+300+4$ |  |
|  |  | Eighty-eight thousand, <br> four hundred twelve |
| 423012 |  |  |

2. The expanded form of a number shows the value of its digits from left to right. How is that helpful?
3. 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 100000 is ...
1 hundred thousand
10 ten thousands
100 thousands
1000 hundreds
10000 tens

| Hundred <br> thousands | Ten <br> thousands | Thousands | Hundreds | Tens | Ones |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 0 | 0 | 0 | 0 | 0 |
|  | 10 | 0 | 0 | 0 | 0 |
|  |  | 100 | 0 | 0 | 0 |
|  |  |  | 1000 | 0 | 0 |
|  |  |  |  | 10000 | 0 |

a) 600000

| Hundred <br> Thousands | Ten <br> Thousands | Thousands | Hundreds | Tens | Ones |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 6 | 0 | 0 | 0 | 0 | 0 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

b) 90000

| Hundred <br> Thousands | Ten <br> Thousands | Thousands | Hundreds | Tens | Ones |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 9 | 0 | 0 | 0 | 0 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

c) 100000000

| Hundred <br> Millions | Ten <br> Millions | Millions | Hundred <br> Thousands | Ten <br> Thousands | Thousands | Hundreds | Tens | Ones |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

4. Which representation below does not show that 100000 is greater than another number?

A 100000 is half of 200000 .
B 100000 is 100 thousands.
C 100000 is $90000+10000$.
D 100000 on a place-value chart like this:

| Hundred <br> thousands | Ten <br> thousands | Thousands | Hundreds | Tens | Ones |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\bullet$ | 0 | 0 | 0 | 0 | 0 |
| 1 | 0 | 0 | 0 | 0 |  |

5. Complete the statement below three ways.

1000000 is $\qquad$ units of $\qquad$ so $1000000=$ $\qquad$ $\times$ $\qquad$ .
$\qquad$ units of $\qquad$ so $1000000=$ $\qquad$ $x$ $\qquad$ .

1000000 is $\qquad$ units of $\qquad$ so $1000000=$ $\qquad$ $x$ $\qquad$ .

