

Name: Key

5<sup>th</sup> Grade Notes 1.1 Place Value Through Millions p. 11

hundred billions  
ten billions  
billions  
hundred millions  
ten millions  
millions  
hundred thousands  
ten thousands  
thousands  
hundreds  
tens  
ones

**782,976,125,421**

A.) standard form : uses digits

Ex: 268

To write the value of a digit, write the number with zeros to fill in the other places.

Ex: Name the place value of the underlined digit: 469,999: 90.  
tens →

B.) expanded : uses zeros to

Show value (each digit must be

separate, multiplying it by a one with the number of zeros

after it equal to the number of places after; add in between; if there is

a zero in a place, then don't write that place)

Ex: 36

$$\begin{array}{c} \underline{3} \times 10 + \underline{6} \times 1 \\ \uparrow \qquad \qquad \uparrow \\ \text{tens place} \quad \text{ones place} \end{array}$$

Ex: 1,804

$$\begin{array}{c} 1 \times 1,000 + 8 \times 100 + 4 \times 1 \\ \uparrow \qquad \qquad \uparrow \qquad \qquad \uparrow \\ \text{thousands} \quad \text{hundreds} \quad \text{ones place} \\ \text{place} \qquad \text{place} \quad (\text{no tens}) \end{array}$$

## 1.2 Compare and Order Whole Numbers p. 17

With larger numbers, start at the left with the biggest place and then compare each place, one at a time, moving to the right.

Ex: 33,420,160 > 33,402,160

The first 3 places on the left are all equal, so move to the ten thousands place and compare them. The 2 is bigger than the 0, so that means the first # is bigger than the 2nd #.

fill in the sign

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