

Math Homework Helper

Place Value

M4N1. Students will further develop their understanding of how whole numbers are represented in the base-ten numeration system.

- Identify place value names and places from hundredths through one million.
- Equate a number's word name, its standard form, and its expanded form.

millions'	hundred thousands'	ten thousands'	thousands'	hundreds'	tens'	ones'	tenths'	hundredths'
6,	4	7	2,	9	1	3.	5	8

Example: 7 place: ten thousands' place
value: 70,000

Example: 6 place: millions' place
value: 6,000,000

Example: 9 place: hundreds' place
value: 900

Think:

Place is a word (name)

Value is a number (digits)

digit: number

expanded form: to show a number as the sum of the value of this digits

Example: 7,965 in expanded form is $7,000+900+60+5$

Example: one thousand twelve in expanded form is $1,000 + 10 + 2$

standard form: the usual way of writing a number

Example: 234,908

Example: $400+20+2$ in standard form is 422

Example: Fifteen in standard form is 15.

word form: to show a number as word(s)

Example: 14,009 in word form is fourteen thousand, nine

Example: 23.19 in word form is twenty-three and nineteen

hundredths

Example: 2.9 in word form is two and nine tenths