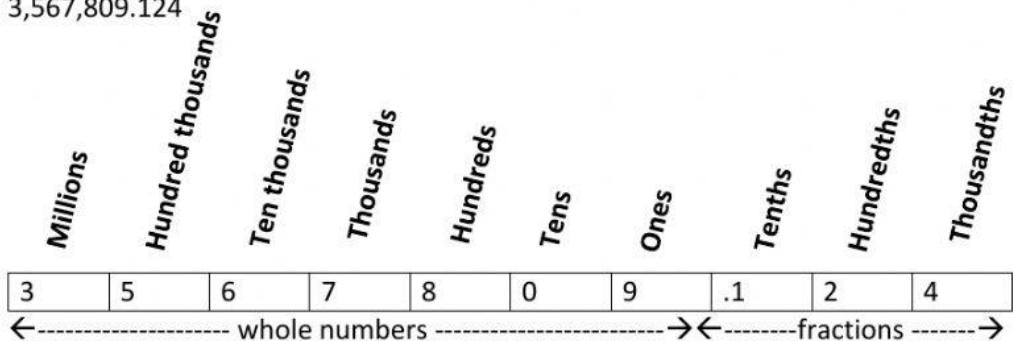


Mathematics
Place Value

Place value is the position of a digit in a number. A digit's place in a number shows its value. Numbers left of the decimal point represent **whole numbers**. Numbers right of the decimal point represent a part, or fraction of a whole number. These parts are broken down into tenths, hundredths, thousandths and so on.

Example:

3,567,809.124



Standard Form: 3,409,505,303

Expanded Form: 3,000,000,000 + 400,000,000 + 00,000,000 + 9,000,000 + 500,000 + 00,000 + 5,000 + 300 + 00 + 3

Word Form: three billion, four hundred nine million, five hundred five thousand, three hundred three.

Short Word Form: 3 billion, 409 thousand, 303

Practice: Write the **value** of the following numbers:

0 _____

7 _____

3 _____

8 _____

5 _____

9 _____

Read the number 2,345,987.160. Write **place** of each number.

0 _____

5 _____

1 _____

6 _____

2 _____

7 _____

3 _____

8 _____

4 _____

9 _____

Write the numbers in standard form:

- a. Seven hundred, eight four _____
- b. Sixty eight thousand, three hundred eight _____
- c. Two billion, five hundred twenty nine million, nine hundred thirty three thousand, fourteen _____

Read the number: 345, 957. Write this number in:

a. Word form

b. Short word form

c. Expanded form

d. Standard form
