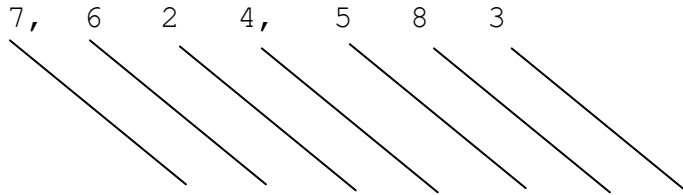


READING AND WRITING DECIMAL NUMBERS

For the Audio version of this file click on this link:
[Reading and Writing Decimals Audio](#)

Review the place value of whole numbers in your text. Write the place value under each digit of the whole number.



Moving from right to left, notice each place value is ten times the one on its right.

Moving from left to right, each place value is $\frac{1}{10}$ of the one on its left.

EXAMPLE :

	5	8	3
place value	(100)	(10)	(1)
		a	b
a:	10 is	$\frac{1}{10}$	of 100
b:	1 is	$\frac{1}{10}$	of 10

REMEMBER $\frac{1}{10}$ of a number means $\frac{1}{10}$ x the number.

to move to the right.

$\frac{1}{10}$ of 1 is $\frac{1}{10}$

NOTICE the place values to the right of the ones place are fractions with values less than 1.

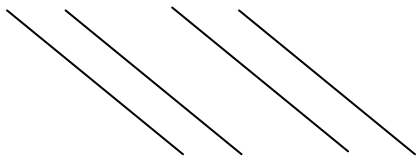
NEXT $\frac{1}{10}$ of $\frac{1}{10}$ is $\frac{1}{100}$

and $\frac{1}{10}$ of $\frac{1}{100}$ is $\frac{1}{1000}$

We use a decimal point to separate the whole number part from the fraction part of a number.

Write the place values under each digit.

1 5 . 3 7



The whole number is 15.

The number after the decimal is the numerator of a fraction; the denominator is the last place value. The fraction part is 37 100.

1 5 . 3 7

(t (o (t (h

(e (n (e (u

(n (e (n (n

(s (s (t (d

(h (r

(s (e

(d

(t

(h

(s

37

15.37 is read just as the mixed 15___

100

"Fifteen and thirty seven hundredths."

NOTICE the word "and" is read at the decimal point. It connects the whole number with the fraction part. **DO NOT SAY "AND" at any other part of the number.**

7

We read ___ as "Seven thousandths"

1000

Similarly 0.007 or .007 is read "seven thousandths." (We do not need to

7

say "Zero and ___."

1000

1. - 4. Write in words the way you read each number.

1. 103.052

2. 0.94

ANSWERS :

1. one hundred three and fifty-two thousandths
2. ninety-four hundredths
3. nine and four tenths
4. sixty and six hundredths
5. 0.0054
6. 3.12
7. 0.8
8. 700.07
9. 0.0013
10. 6.09

TOP OF PAGE 1: 7, 6 2 4 , 5 8 3
 (m (h (t (t (h (t (o
 (i (u (e (h (u (e (n
 (l (n (n (o (n (n (e
 (l (d ((u (d (s (s
 (i (r (t (s (r
 (o (e (h (a (e
 (n (d (o (n (d
 (s (t (u (d (s
 (h (s (s (o
 (a
 (u (n
 (s (d
 (a (s
 (n
 (d (s

