

## Decimal Place Value

A place-value chart can help you find the value of each digit in a decimal.

	Ones	Tenths	Hundredths	Thousandths	Ten-Thousandths
<b>Decimal:</b>	2	• 3	6	5	1
<b>Read:</b>	two	three tenths	six hundredths	five thousandths	one ten-thousandth
<b>Write:</b>	2.0	0.3	0.06	0.005	0.0001

In *Standard Form*: 2.3651

In *Expanded Form*:  $2.0 + 0.3 + 0.06 + 0.005 + 0.0001$

In *Word Form*: two and three thousand, six hundred fifty-one ten-thousandths

Record each decimal in the place-value chart. Write each decimal in expanded form and word form.

1. 1.51

Ones	Tenths	Hundredths	Thousandths	Ten-Thousandths
	•			

Expanded form: \_\_\_\_\_

Word form: \_\_\_\_\_

2. 4.973

Ones	Tenths	Hundredths	Thousandths	Ten-Thousandths
	•			

Expanded form: \_\_\_\_\_

Word form: \_\_\_\_\_

3. 7.0458

Ones	Tenths	Hundredths	Thousandths	Ten-Thousandths
	•			

Expanded form: \_\_\_\_\_

Word form: \_\_\_\_\_

## Decimal Place Value

A place-value chart can help you find the value of each digit in a decimal.

	Ones	Tenths	Hundredths	Thousandths	Ten-Thousandths
<b>Decimal:</b>	2	3	6	5	1
<b>Read:</b>	two	three tenths	six hundredths	five thousandths	one ten-thousandth
<b>Write:</b>	2.0	0.3	0.06	0.005	0.0001

In *Standard Form*: 2.3651

In *Expanded Form*:  $2.0 + 0.3 + 0.06 + 0.005 + 0.0001$

In *Word Form*: two and three thousand, six hundred fifty-one ten-thousandths

Record each decimal in the place-value chart. Write each decimal in expanded form and word form.

1. 1.51

Ones	Tenths	Hundredths	Thousandths	Ten-Thousandths
1	5	1		

Expanded form:  $1.0 + 0.5 + 0.01$

Word form: **one and fifty-one hundredths**

2. 4.973

Ones	Tenths	Hundredths	Thousandths	Ten-Thousandths
4	9	7	3	

Expanded form:  $4.0 + 0.9 + 0.07 + 0.003$

Word form: **four and nine hundred seventy-three thousandths**

3. 7.0458

Ones	Tenths	Hundredths	Thousandths	Ten-Thousandths
7	0	4	5	8

Expanded form:  $7.0 + 0.04 + 0.005 + 0.0008$

Word form: **seven and four hundred fifty-eight ten-thousandths**