EXERCISE 7.1 PAGE: 7.4

1. Write the following decimals in the place value table:
(i) 52.5
(ii) 12.57
(iii) 15.05
(iv) 74.059
(v) 0.503
Solution:

Decimals	Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths
(i) 52.5			5	2	5		
(ii) 12.57			1	2	5	7	
(iii) 15.05			1	5	0	5	
(iv) 74.059			7	4	0	5	9
(v) 0.503				0	5	0	3

2. Write the decimals shown in the following place value table:

	Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths
(i)		3	0	7	1	2	
(ii)	9	5	4	3	0	2	5
(iii)			1	2	5	0	3

Solution:

(i) We can write it as 307.12

(ii) We can write it as 9543.025

(iii) We can write it as 12.503

3. Write each of the following decimals in words:
(i) 175.04
(ii) 0.21
(iii) 9.004
(iv) 0.459
Solution:

(i) 175.04 can be written as one hundred seventy five and four hundredths.

(ii) 0.21 can be written as zero and twenty one hundredths.

(iii) 9.004 can be written as nine and four thousandths.

(iv) 0.459 can be written as zero and four hundred fifty nine thousandths.

4. Write each of the following as decimals:

(i) 65 + 2/10 + 7/100
(ii) 45 + 9/100
(iii) 88 + 5/10 + 2/1000
(iv) 3/10 + 7/1000
Solution:

(i) 65 + 2/10 + 7/100
In the above question
We know that
6 tens, 5 ones and 7 hundredths
Hence, the decimal number is 65.27.

(ii) 45 + 9/100
In the above question
We know that
4 tens, 5 ones and 9 hundredths
Hence, the decimal number is 45.09.

(iii) 88 + 5/10 + 2/1000
In the above question
We know that
8 tens, 8 ones, 5 tenths and 2 thousandths
Hence, the decimal number is 88.502.

(iv) 3/10 + 7/1000
In the above question
We know that
3 tenths, 5 ones and 7 hundredths
Hence, the decimal number is 0.307.

5. Write each of the following as decimals:
(i) Five and four tenths
(ii) Twelve and four hundredths
(iii) Nine and Seven hundred five thousandths
(iv) Zero point five two six
(v) Forty seven and six thousandths
(vi) Eight thousandths
(vii) Nineteen and nineteen hundredths.
Solution:

(i) Five and four tenths
It can be written as
5 + 4/10 = 5.4

(ii) Twelve and four hundredths
It can be written as
12 + 4/100 = 12.04

(iii) Nine and Seven hundred five thousandths
It can be written as

9 + 705/1000 = 9.705

(iv) Zero point five two six
It can be written as
0.526

(v) Forty seven and six thousandths
It can be written as
47 + 6/1000 = 47.006

(vi) Eight thousandths
It can be written as
8/1000 = 0.008

(vii) Nineteen and nineteen hundredths
It can be written as
19 + 19/100 = 19.19