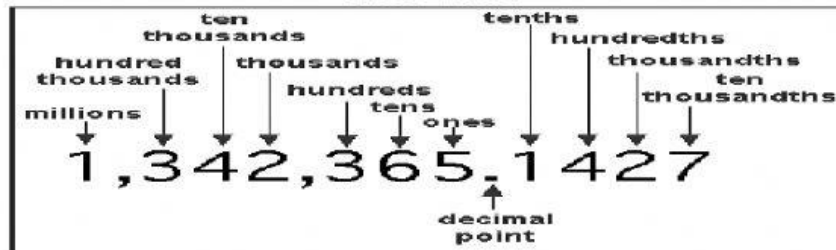


EXERCISE 9
PLACE VALUE & CONVERSIONS (DECIMAL ↔ FRACTIONS)

NAME :	CLASS :	DATE :
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PLACE VALUE



PLACE VALUE CHART

1,000,000	100,000	10,000	1000	100	10	1	.	$\frac{1}{10} = 0.1$	$\frac{1}{100} = 0.01$	$\frac{1}{1000} = 0.001$
Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	.	Tenths	Hundredths	Thousandths

1. State the place value of **5** in each of the following number.

	Place value
(a) 159·496	
(b) 2·057	
(c) 0·513	
(d) 215·729	
(e) 5226·07	

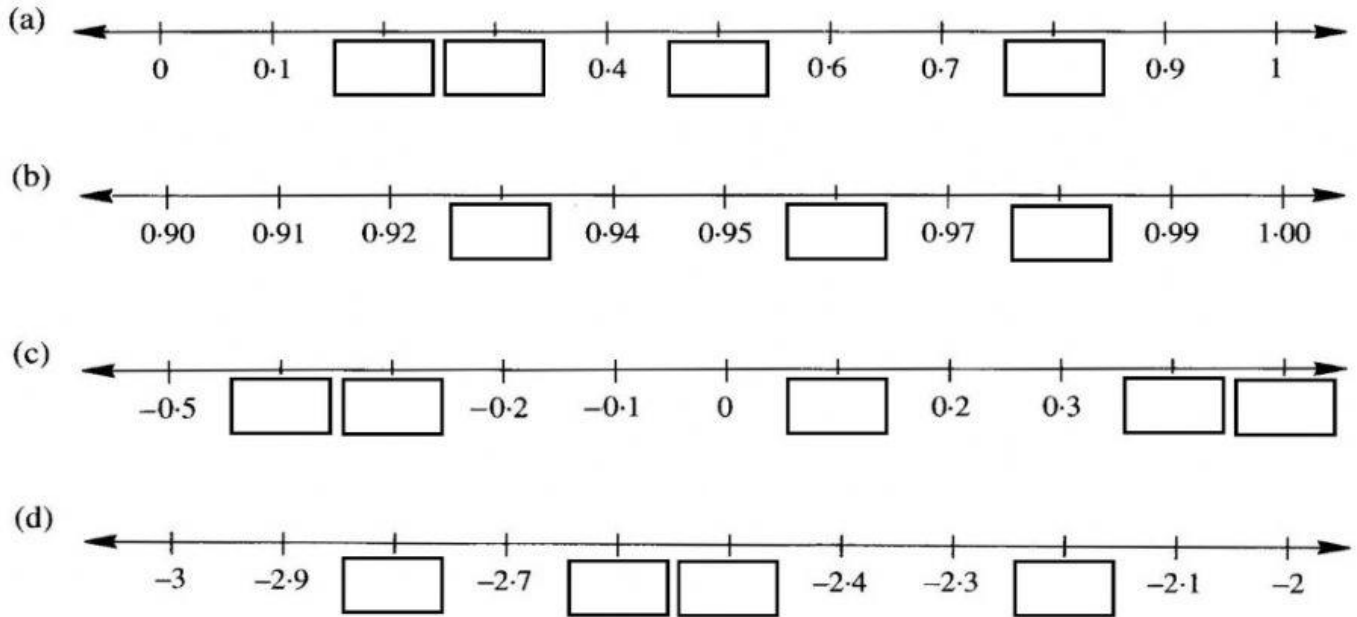
2. Compare the decimals below and write '<' (less than) or '>' (greater than) in the box.
[The Place Value Chart above can help you with this]

(a)	3.07		3.7
(b)	0.49		0.093
(c)	0.6891		0.69
(d)	57.54		69.3

3. Write the following decimals in the blanks. [The Place Value Chart above can help you with this]

- (a) 3 tens, 5 tenths and 6 hundredths _____
- (b) 5 hundreds, 4 tens, 3 ones, 2 tenths and 5 hundredths _____
- (c) 6 thousands, 4 tens, 6 ones, 5 tenths and 7 thousandths _____
- (d) 8 thousands, 5 hundreds, 7 ones and 6 hundredths _____
- (e) 6 hundredths _____

4. Fill in each box with the correct decimal.



5. Convert the fractions into decimals.

(a) $\frac{3}{8}$
=

(b) $\frac{5}{6}$
=

(c) $1\frac{7}{8}$
=

6. Convert the following decimals into fractions in its lowest term.

(a) 0.4
= $\frac{\quad}{\quad}$
= $\frac{\quad}{\quad}$

(b) 0.25
= $\frac{\quad}{\quad}$
= $\frac{\quad}{\quad}$

(c) 0.075
= $\frac{\quad}{\quad}$
= $\frac{\quad}{\quad}$

7. Convert the following decimals into fractions in its lowest term.

a) $5.03 = 5\frac{\quad}{100}$

b) $0.05 = \frac{5}{100} = \frac{1}{20}$

c) $6.007 = 6\frac{7}{1000}$

d) $0.72 = \frac{72}{100} = \frac{18}{25}$