

# Introduction to Decimal Number

## 1. Identify the decimal and whole parts in the following decimals.

- (a) 0.49                      (b) 1.36                      (c) 0.857                      (d) 21.546                      (e) 9999.89  
(f) 98101.291                      (g) 33.13847

## 2. Count and write the number of decimal places in the following decimals.

- (a) 0.638                      (b) 0.95                      (c) 131.4                      (d) 15.906                      (e) 3627.697  
(f) 56954.81

## 3. Write the following decimals in words.

- (a) 7.34 \_\_\_\_\_                      (b) 127.45 \_\_\_\_\_                      (c) 500.9 \_\_\_\_\_  
(d) 1.846 \_\_\_\_\_                      (e) 4927.16 \_\_\_\_\_                      (f) 444.303 \_\_\_\_\_

## 4. Write the following as decimals.

- a. Fifty five thousands. \_\_\_\_\_  
b. Seventy eight thousand and sixty nine hundredths. \_\_\_\_\_  
c. Forty three hundredths. \_\_\_\_\_  
d. Six hundred twenty two and three hundred sixty two thousandths. \_\_\_\_\_

## 5. Write the following decimals into the place value chart.

- (i) 169.128 \_\_\_\_\_                      (ii) 967.736 \_\_\_\_\_  
(iii) 12.35 \_\_\_\_\_                      (iv) 19.543 \_\_\_\_\_

## 6. Find the place value of all the digits in the given decimals.

- (i) 32.817 \_\_\_\_\_                      (ii) 252.106 \_\_\_\_\_  
(iii) 8.432 \_\_\_\_\_                      (iv) 1560.290 \_\_\_\_\_

7. Find the place value of the encircled digit.

(i)  $\textcircled{5}.331$  \_\_\_\_\_

(ii)  $4.4\textcircled{4}6$  \_\_\_\_\_

(iii)  $43.\textcircled{8}1\textcircled{6}$  \_\_\_\_\_

(iv)  $\textcircled{6}.2\textcircled{9}\textcircled{5}$  \_\_\_\_\_

8. Write the decimals shown in the place value table:

| Decimal | Thousand<br>(1000) | Hundreds<br>(100) | Tens<br>(10) | Ones<br>(1) | Tenths<br>(10) | Hundreds<br>(100) | Thousands<br>(1000) |
|---------|--------------------|-------------------|--------------|-------------|----------------|-------------------|---------------------|
| a       |                    | 3                 | 0            | 7           | 2              | 5                 |                     |
| b       | 6                  | 4                 | 3            | 1           | 0              | 0                 | 8                   |
| c       | 2                  | 0                 | 0            | 9           | 4              | 8                 | 9                   |
| d       |                    | 3                 | 5            | 0           | 8              | 6                 |                     |

9. Fill in the missing parts.

a. 7 parts out of \_\_\_\_\_  $= \frac{7}{1000} = 0.007$

b. \_\_\_\_\_ parts out of 100  $= \frac{9}{100} = 0.09$

c. 96 parts out of 100  $=$  \_\_\_\_\_  $= 0.96$

d. 15 parts out 100  $= \frac{15}{100} =$  \_\_\_\_\_

e.  $25 + \frac{4}{10} +$  \_\_\_\_\_  $= 25.46$

f.  $600 +$  \_\_\_\_\_  $+ \frac{8}{10} + \frac{4}{100} = 650.84$