

number part, then compare the digit at the hundredths place. If the digits are the same, compare the digit at the thousandths place, and so on.

EXERCISE 6.1

- Write the following decimals in words :
 - 0.3
 - 0.9
 - 1.6
 - 18.7
 - 0.05
 - 0.54
 - 3.19
 - 20.32
 - 0.792
 - 0.007
 - 5.008
 - 9.09
- Write the following as decimals :
 - Four tens and three-tenths
 - Nine hundreds and nine-tenths
 - Eight hundreds five ones and five-tenths
 - Two ones two-tenths and six hundredths
- Represent the following decimals in the decimal place value chart :
 - 258.7
 - 0.902
 - 130.1
 - 3004.53

Write in expanded form :
(a) 12.013 (b) 5.53

(c) 77.777 (d) 218.05

Fill in the boxes :
(a) $1368 = 10 + 3 + \frac{\square}{10} + \frac{8}{100}$
(c) $\square = 60 + 5 + \frac{9}{10} + \frac{2}{1000}$

(b) $128109 = \square + 20 + 8 + \frac{\square}{10} + \frac{9}{100}$
(d) $79087 = 70 + \square + \frac{8}{10} + \frac{\square}{1000}$

Write the following in the short form :
(a) $0.3 + 0.09 + 0.008$
(c) $100 + 8 + 0.4 + 0.003$

(b) $4 + 0.009 + 0.0005$
(d) $20 + 7 + 0.07 + 0.008$

Convert the following decimals into like decimals :
(a) 4.43, 2.098
(c) 35.67, 22.345, 7.72

(b) 3.44, 2.2, 4.565
(d) 24.890, 44.5, 32.6890

Compare the following decimals by using $>$, $<$ or $=$:
(a) 4.45 \square 3.42 (b) 4.46 \square 13.22
(d) 22.13 \square 22.132 (e) 34.24 \square 34.423 (f) 0.9999 \square 0.999999

(c) 0.345 \square 0.326

Arrange the following decimals in order as indicated :
(a) 8.22, 7.34, 28.02, 8.02 (Ascending)
(b) 0.01, 0.02, 0.12, 0.11 (Descending)
(c) 7.82, 7.02, 0.07, 7.17, 7.71, 7.007 (Descending)
(d) 6.03, 6.21, 6.003, 6.5, 6.06, 6.306 (Ascending)

Write the decimals for the following :

