

Mathematics Assignment Class 5

Chapter: 11 Decimal fractions

1. Write the following decimal fractions in words.

- a) 0.09 – Zero point zero nine.
- b) 0.084
- c) 37.075
- d) 114.056

2. Write the following in i) fraction form and ii) decimal form.

- a) Seven tenths = $\frac{7}{10} = 0.7$
- b) Twelve and five hundredths
- c) Nine thousandths
- d) Six and four tenths

3. Express the following fractions in decimals.

- a) $\frac{14}{100} = 0.14$
- b) $\frac{47}{100}$
- c) $21\frac{26}{100}$

d) $6\frac{71}{1000}$

4. Write the place value of the digits in red.

a) $2.\textcolor{red}{6}\textcolor{red}{7} \rightarrow \frac{6}{10}$ or 6 tenths.

b) $30.\textcolor{red}{0}\textcolor{red}{3}$ c) $0.90\textcolor{red}{3}$. d) $0.4\textcolor{red}{1}\textcolor{red}{3}$

5. Write in expanded form.

a) $26.78 = 20 + 6 + \frac{7}{10} + \frac{8}{100}$

b) 0.881 c) 53.043 d) 113.62

6. Write in compact form.

a) $100 + 20 + 7 + \frac{0}{10} + \frac{7}{100} + \frac{5}{1000} =$
 127.075

b) $60 + 8 + \frac{5}{10} + \frac{6}{100} + \frac{8}{1000}$

c) $700 + 9 + \frac{7}{1000}$

d) $500 + 50 + \frac{3}{10} + \frac{4}{100}$

7. Put the correct sign. (> or <)

a) 4.6 _____ 10.5

b) 0.008 _____ 0.04

c) 0.36 _____ 0.7

d) 6.74 _____ 6.79