

Sub:Maths

class-7

Topic-Addition and Subtraction of Decimals.

Do all questions of Ex3.1 ,one of each type is done for you.

By the students.

### EXERCISE 3.1

Use Cordova Smart Class Software on the smart board in class to do Exercise.

1. Convert each of the following decimals into a fraction in lowest form :

(i) 0.8

(ii) 2.25

(iii) 17.5

(iv) 0.0375

(v) 0.524

2. Write each of the following as a decimal :

(i)  $\frac{29}{10}$

(ii)  $15\frac{1}{8}$

(iii)  $234\frac{1}{25}$

(iv)  $18 + \frac{3}{10} + \frac{4}{1000}$

Ex-3.1

3. Add :

(i)  $4.56, 0.8$  and  $32.5$

(iv)  $14.44, 6.234$  and  $18$

(ii)  $0.05$  and  $0.004$

(iii)  $13.225$  and  $9.25$

4. Subtract :

(i)  $8.752 - 4.9$

(iv)  $8.5 - 2.785$

(ii)  $23.8 - 0.25$

(iii)  $100 - 36.48$

5. Simplify :

(i)  $68.5 - 21.45 + 26.2 - 13.46$

(iv)  $6 - 2.5307 + 3.1$

(ii)  $6.6 + 23.8 - 0.99$

(iii)  $34.26 - 15.029 + 3.04$

6. Arrange the following decimals in ascending order :

(i)  $4.6, 0.22, 24.13, 20.05$

(ii)  $0.52, 36.28, 2.05, 3.5$

CLASS-7

DATE: / /  
PAGE NO: ①

Exercise-3.1 (ch-3)  
Decimals (Def., Addition & Subtraction)

1. Convert each of the following decimals into a fraction in lowest form:-

(i)  $0.8 = \frac{8}{10} = \frac{4}{5}$

(ii)  $0.0375 = \frac{375}{10000} = \frac{75}{2000} = \frac{3}{80}$  Ans.

2. Write each of the following as a decimal:

(i)  $\frac{29}{10} = 2.9$

(ii)  $15\frac{1}{8} = \frac{121}{8} = 15.125$

(iv)  $18 + \frac{3}{10} + \frac{4}{1000} = 18 + .3 + .004$   
 $= 18 + .300 + .004$   
 $= 18.304$  Ans.

3. Add:

(i) 4.56, 0.8 and 32.5

Ans: Converting the given decimals

into like decimals, and adding:

$$4.56 + 0.8 + 32.5$$
$$= 37.86 \text{ Ans.}$$

$$\begin{array}{r} 32.50 \\ + 4.56 \\ + 0.80 \\ \hline 37.86 \end{array}$$

4. Subtract:

(i)  $8.752 - 4.9$

$$= 3.852$$

$$\begin{array}{r} 8.752 \\ - 4.900 \\ \hline 3.852 \end{array}$$

5. Simplify:

(i)  $68.5 - 21.45 + 26.2 - 13.46$

$$= 47.05 + 12.74$$
$$= 59.79$$

$$\begin{array}{r} 68.50 \\ - 21.45 \\ \hline 47.05 \end{array}$$

$$\begin{array}{r} 26.20 \\ - 13.46 \\ \hline 12.74 \end{array}$$

$$\begin{array}{r} 47.05 \\ + 12.74 \\ \hline 59.79 \end{array}$$

