



STATE COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING
TELANGANA, HYDERABAD
READINESS PROGRAMME LEVEL

Class: VI Medium: English Subject: Mathematics

Work sheet

Topic/ concept: Fractions / Addition and subtraction of decimal numbers

Learning outcomes

1. Student learns addition and subtraction of Decimal Numbers.

Conceptual understanding

Decimals: The numbers with decimal points are called **decimal numbers or simply decimals.**

Ex: 0.3, 23.325, 50.0231, 5.36

- The decimal number(decimal) has two parts whole number part and decimal part
- These parts are separated by a dot(.) called decimal point
- The part to the right of the decimal point is called the decimal part of the number and the part to the left of the decimal point is called the integral part (whole number)

1. Write down the numbers one under another with the decimal points lined up.
2. Put in zeroes so that the numbers have same length.
3. Then add using column addition. Remember to put decimal point in answer.

Ex: Add 1.452 to 1.3

i) line the decimals up

1.452

1.3

ii) put zeroes so that the lengths are equal

1.452

1.300

iii) add

1.452

+ 1.300

Total

2.752

Add 3.67 and 5.2

In 3.67 decimal part has 2 digits 3.67
 In 5.2 decimal part has only one digit 5.20
 so put 0 in decimal part end 8.87
 And add them

Subtract 5.91 from 6.8

In 5.91 decimal part has 2 digits 6.80
 In 6.8 decimal part has only one digit -5.91
 so put 0 in decimal part end 0.89
 subtract 5.91 from 6.8

WORKSHEET

Add the following decimal Numbers

- | | |
|------------------------------|----------------------------|
| 1. $1.03 + 3.05$ | 6. $23.6 + 252.02 + 25.36$ |
| 2. $45.32 + 45.23$ | 7. $3.1 + 12.615 + 22.2$ |
| 3. $789.225 + 96$ | 8. $85.03 + 45.36 + 96.0$ |
| 4. $12.023 + 22.10 + 12.022$ | 9. $78.01 + 12.3$ |
| 5. $2.312 + 96.22$ | 10. $01.25 + 20.02 + 12.4$ |

Subtract the following decimal Numbers

- | | |
|--------------------|-----------------------|
| 1. $4.015 - 3.25$ | 6. $15 - 5.87$ |
| 2. $6.20 - 5.642$ | 7. $28.257 - 19.1$ |
| 3. $9.25 - 4.235$ | 8. $61.25 - 17.597$ |
| 4. $15.81 - 12.5$ | 9. $81.954 - 35.4$ |
| 5. $89.5 - 54.785$ | 10. $105.87 - 95.632$ |

Instructions:-

1. Collect some more problems of same type and solve them.
2. Solve the problems with the help of your teacher and friends.

		Perfectly	Good	Not good
1	I can do addition of decimals.			
2	I can do subtraction of decimals.			