

ACTIVITY NO. - 8

Subject	MATHEMATICS
Class	VI
Chapter/Unit	Decimals
Topic	Addition of Decimals
Time	30 minutes
Nature of Activity	Group

What will I learn (Learning outcome)?

To perform addition of decimals.

Skills:- Psychomotor Coordination, Critical Thinking, Problem Solving, Examining, Assimilating

What I have to do?

To perform addition of decimals by playway method.

What do I require?

Thick paper, pair of scissors, sketch pen and adhesive.

What do I need to know?

Concept of Decimals, Conversion of Unlike to Like decimals and Basic fundamental operations.

➤ Teacher's Activity

Teacher will

- enable the students to recall the concept of decimals, conversion of unlike to like decimals and discuss basic fundamental operations.
- make groups of four students and will explain the steps of the activity.

How will I proceed?

➤ Student's Activity

- Each group will take a thick sheet of paper and make 20 same sized square or rectangular cards.
- Write different decimal numbers on each card (upto two decimal places) using sketch pen as shown in Fig.1.

0.4	0.15	0.1	0.7	0.75	0.5	0.85	0.2	0.05	0.35
0.9	0.8	0.55	0.50	0.65	0.3	0.95	0.45	0.6	0.25

Fig.1

- Mix all the cards and place them face down on the table. Now, one student from each group will pick any two cards at a time and add the decimal number written on them. If the sum is 1, the student will keep the cards with him/her and if the sum is not 1, then he/she will put the cards back face down.
- Then, the second student will pick two cards and repeat the above steps and this process will continue till all the cards are picked up.
- The student with maximum number of cards is the winner in that group and this can be further continued among the winners of all the groups to decide the winner of the whole class.

What have I observed?

Complete the following table:

Student	Number on first card	Number on second card	Sum
1			
2			
3			
4			

What have I learnt?

To perform _____ of decimals.

What am I curious to know?

Form any five possibilities to get the sum of two decimal numbers as 5.

Let me evaluate myself

1. Find the sum of:

(a) $12.34 + 25.5 + 36.9$

(b) $32.5 + 10.75 + 23.8 + 87.36$

2. Albert is 13.7 years old. If he is 1.8 years older than his brother James, how old is James?

3. Fill in the blanks using appropriate sign:

(a) 3.5 _____ 3.50

(b) 24.6 _____ 42.6

(c) 11.15 _____ 11.51

(d) 6.78 _____ 6.67

(e) 100.6 _____ 100.06

4. Anmol travelled 3.5 km by car and 1.6 km on foot to reach school. How much distance travelled by him?

5. Sonu spends Rs. 87.75 for Maths book, Rs. 74.65 for Science book and Rs. 38.46 for English book. Find the total amount spent by Sonu.
