

ACTIVITY NO . – 3 GIVE AND TAKE

SUBJECT	MATHEMATICS
CLASS	III
CHAPTER/UNIT	GIVE AND TAKE
TOPIC	ORDER PROPERTY OF ADDITION
TIME	20 MINUTES
NATURE OF ACTIVITY	INDIVIDUAL

What will I learn(Learning Outcome)?

The students will be able to verify the order property of addition through learning by doing.

Skills: Understanding, Applying, Evaluating.

What I have to do?

To prove order property of addition.

What do I require?

Pack of bindis of two different colors(say maroon and black) , pencil and eraser.

What I need to know?

Simple addition

➤ Teacher's Activity :

The teacher will quickly recall simple addition of numbers , introduce the order property of addition to the students and then prove the property through learning by doing.

How will I proceed ?

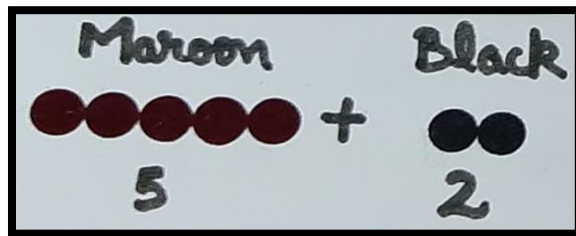
➤ Student's Activity :

- 1) Take 2 black bindis and 5 maroon bindis to represent number 2 and 5 and paste on your A4 size sheet.
- 2) Paste two black bindis and five maroon bindis, in such a way that there is no space between them, to represent the sum $2 + 5$ as shown in Fig.1



(Fig .1)

- 3) Similarly, paste five maroon bindis and two black bindis to represent the sum $5 + 2$ as shown in Fig.2.



(Fig . 2)

What have I observed?

Order of addends in Fig . 1 = _____ + _____

Order of addends in Fig. 2 = _____ + _____

Sum obtained in Fig. 1 = _____

Sum obtained in Fig. 2 = _____

Is the sum same in both the cases ? _____

What have I learnt ?

The sum of the numbers remain the same, even if the order of the addends change.

What am I curious to know?

Does order property when applied with subtraction operation gives the same difference?

Let me evaluate myself

Q1) Use the order property of addition to match the following .

A

(i) $2 + 7 = 9$

(ii) $9 + 11 = 20$

(iii) $6 + 12 = 18$

(iv) $5 + 6 = 11$

(v) $4 + 10 = 14$

B

(a) $11 + 9 = 20$

(b) $10 + 4 = 14$

(c) $7 + 2 = 9$

(d) $12 + 6 = 18$

(e) $6 + 5 = 11$

Q2) Color clouds of column B matching the clouds of Column A using order property of addition.

Column A

$15 + 18$

$85 + 34$

$23 + 56$

$20 + 99$

$19 + 71$

$25 + 45$

Column B

$56 + 23$

$99 + 20$

$45 + 25$

$71 + 19$

$34 + 85$

$18 + 15$