

ACTIVITY-9

INTEGERS

ADDITION OF INTEGERS

1. What we have to do?

To perform addition on Integers by activity method.

2. What is required?

Pack of bindis of two different colours (say red and black) and geometry box.

3. How much time required for this activity?

30-40 minutes.

4. What do you need to know?

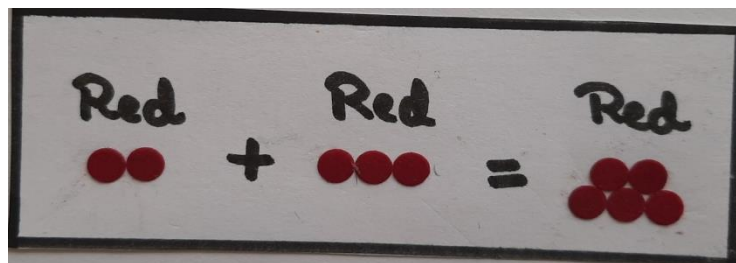
Simple addition.

5. How will you proceed?

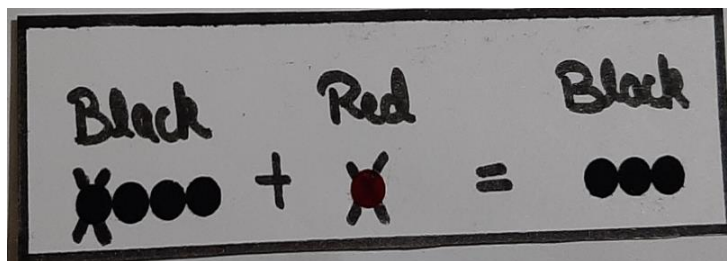
a. Denote Red colour with (+1) and Black with (-1).

b. Let us perform few problems:

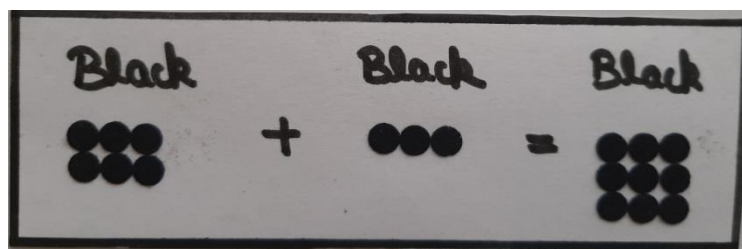
a. $2 + 3$



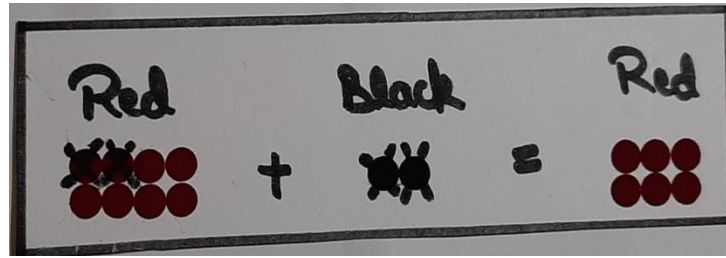
b. $(-4) + 1$



c. $(-6) + (-3)$



d. $6 + (-2)$



6. **What have you observed?**

- Write the result obtained in each part:

(i) $2 + 3 = \underline{\hspace{2cm}}$

(ii) $(-4) + 1 = \underline{\hspace{2cm}}$

(iii) $(-6) + (-3) = \underline{\hspace{2cm}}$

(iv) $6 + (-2) = \underline{\hspace{2cm}}$

7. **What have you learnt?**

8. **What you have to do as extended activity?**

- The temperature in Mukteshwar on Monday was -3°C . It then rose by 5°C on Tuesday. On Wednesday, it dropped by 7°C . What was the temperature of Mukteshwar on Tuesday and Wednesday?

9. **Real Life Application:**

Addition of Integers can be used while playing many games, quizzes etc. It can also be used in banks in terms of credits and debits.