THE VILLAGE
INTERNATIONAL SCHOOL

Worksheet : 2

Chapter 2: Whole Numbers **Subject: Mathematics**
Class: VI

A. Fill in the blanks.

1) The sum of two even numbers and two odd numbers is always…….
2) Substraction is the inverse of……
3) 5466 ×9779 =_____×5466
4) (1000 +26) +74 =_____+(74 +26)
5) 0 ÷999 =……

B. Name the property used in each of the following.

1) $(7621+5643)+4356 = 7621+(5643+4356)$ **2)** $432+645 = 645+432$
3) $456-(324-68) \neq (456-324)-68$ **4)** $89{,}765 \times 0 = 0$
5) $6727+(4389+9870) = (6727+4389)+9870$ **6)** $24{,}897+0 = 24{,}987$

C. Multiply the following using distributive property.

1) $(9165 \times 46)-(9165 \times 26)$ **2)** $(8192 \times 58)-(8 \times 8192)$
3) $(674 \times 71)+(49 \times 674)+(30 \times 674)$ **4)** $(55{,}321 \times 92)+(8 \times 55{,}321)$
5) $(583 \times 36)+(583 \times 17)-(48 \times 583)-(5 \times 583)$

D. Answer the following.

1. A boy who has ₹120 buys four pens at ₹15 each and a notebook at ₹25.What is the amount left with him after paying for these items?

2. A school has 6820 students in 2022 . If 1460 students leave the school in 2023 and 2150 new students join, what is the total number of students in 2023?

3. The total fees charged for a year for class 6 in a school is ₹15865. If there are 96 students in the three sections of class 6, find the total money collected.

4. A garden has 20 flower beds. Each bed contains 8 roses and 7 daisies. Find out how many flowers are there in all the flower beds using the distributive property.

5. A construction project involves 30 houses. If the plumbing work in each house costs ₹25,000 and electrical work costs ₹18,000, calculate the total cost of plumbing and electrical work for all the houses using the distributive property.