



FLORENCE INTERNATIONAL SCHOOL  
CLASS- VI  
WORKSHEET NO: 3  
MATHS

NAME: \_\_\_\_\_

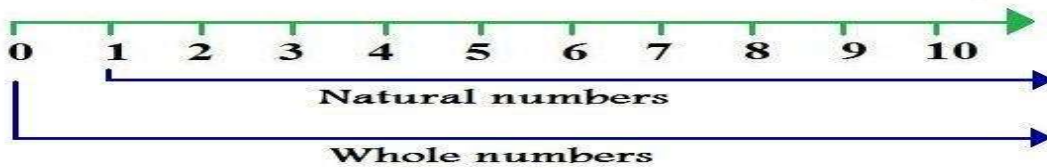
DATE: 01/04/2020

**WHOLE NUMBERS**

Introduction

All the natural numbers including 0 is called whole numbers. 0 is the smallest whole number . There is no large number.

0, 1, 2, 3, 4, 5, 6, 7, 8, 9.....



**PROPERTIES OF WHOLE NUMBERS**

1. **Closure property**: If a,b are two whole numbers then a+ b is always a whole number.  
 $5+7=12$
2. **Commutative property**: Addition of two whole numbers is always commutative.  
 $5+7 = 7+5$      $12 = 12$
3. **Associative property** : The sum of any three whole numbers remain same even if we change the grouping.  $(6+7)+3= 6+ (7+3)$ 
  - All these properties are true for addition and multiplication .
  - Subtraction of whole numbers does not hold good for the above properties
4. **Distributive property**:  $a \times (b + c) = a \times b + a \times c$   
 $a \times (b-c) = a \times b - a \times c$   
 $4 \times (3+5) = 4 \times 3 + 4 \times 5$

**EXERCISE**

- Q1. Name the property shown in the following mathematical statements.**
- a)  $(30+53) + 63 = 30 + (53+63)$  \_\_\_\_\_
  - b)  $54 \times 78 = 78 \times 54$  \_\_\_\_\_
  - c)  $23(15 + 5) = 23 \times 15 + 23 \times 5$  \_\_\_\_\_
  - d)  $17 \times 6 + 17 \times 4 = 17 ( 6 + 4 )$  \_\_\_\_\_
  - e)  $(7 \times 8) \times 4 = 7 \times (8 \times 4)$  \_\_\_\_\_
- Q2. Write the correct number in the blank boxes to complete the mathematical statements.**
- a)  $133 + \underline{\quad} = 133$       b.  $335 \times \underline{\quad} = 335$
  - b)  $65 + (20 + 15) = 65 + (15 + \underline{\quad}) = (65 + 15) + 20 = \underline{\quad} + 20 = 100$
  - c)  $34 \times 12 = (30 + 4) \times \underline{\quad} = (30 \times 12) + (\underline{\quad} \times 12) = 360 + \underline{\quad} = \underline{\quad}$
  - d)  $8 \times 34 = 8 (30 + \underline{\quad}) = 8 ( \underline{\quad} + 4) = 240 + 32 = 272$
- Q3.** Write down three consecutive whole numbers just preceding 851001.
- Q4.** Write down next three consecutive whole number starting from 40998.