HAPPY HOLIDAYS

CLASS VII   **HOLIDAYS HOME WORK FOR SUMMER VACATION**   **SUB : MATHS**

Q1. Explain the following properties with the help of 10 examples of each

   a) Closure Property for integers.
   b) Commutative Property for Integers.
   c) Associative Property for integers.
   d) Additive Identity and Multiplication Identity.
   e) Additive Inverse and Multiplicative Inverse.

Q2. Explain the following operation on integers on number line, with the help of 10 examples for each.

   a) Addition
   b) Subtraction
   c) Multiplication

Q3. Explain the following concepts with the help of suitable examples

   a) How $+$ $\times$ $+$ $=$ $+$
   b) How $+$ $\times$ $-$ $=$ $-$
   c) How $-$ $\times$ $-$ $=$ $+$
   d) How $-$ $\times$ $+$ $=$ $-$

Q4. Explain the operation Addition and Subtraction on Fraction with the help of 10 examples each under the given headings.

   a) Fractions with Similar Denominators.
   b) Fractions with different Denominators.

Q5. Explain the concepts of fractions with the help of Paper cutting method (10 examples).