HOLIDAY HOMEWORK
CLASS -VI

Students will prepare a Project file on the topic "properties of operation on whole numbers". It will contain the following
1. Front page containing heading mathematics project with art integration
2. Second page will contain the following information

School name
Student name
Class/section
Roll number
subject
subject in charge

1. Third page contain the topic of the project
2. From fourth page students will start their work
3. All the pages are well decorated

Assignment-2

1. How many whole numbers are there between 6702 and 7304?
2. Write down three consecutive whole numbers just preceding 8510001
3. Write true and false
   (a) every whole number has its predecessor.
   (b) 0 is less than every natural number.
   (c) Between any two whole numbers there is a whole number.
   (d) Between any two non-consecutive whole numbers there is a whole number.
   (e) The predecessor of a two digits number cannot be a single digit number.
   (f) The whole number 1 has 0 as predecessor.
   (g) The natural number 1 has no predecessor.
   (h) Two lines in a plane always intersect in a point.
   (i) Two different lines can be drawn passing through two given points.
   (j) Through a given point one and only one line can pass.
   (k) The minimum number of points of intersection of three lines is one.
   (l) The line segment $\overline{AB}$ is the same as the line segment $\overline{BA}$.
   (m) Commutativity and associativity are the properties of whole numbers.
   (n) Commutativity and associativity are the properties of addition of whole numbers.
4. Find the sum of the following by suitable rearrangement
   (a) 15409 + 178 + 591 + 322 (b) 1 + 2 + 3 + 4 + 1996 + 1997 + 1998 + 1999

5. Perform the following subtraction and check your answer by corresponding additions
   (a) 2020201 – 565656 (b) 100000 – 98765

6. Complete the magic square

	8	13
	12	
11		

7. The digits of 6 and 9 of the number 36490 are interchanged. Find the difference between original number and the new number.

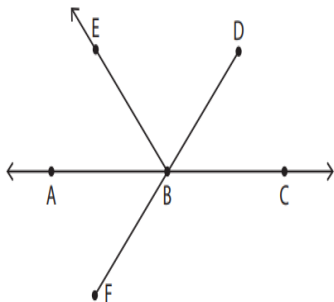8. Determine the following products by suitable rearrangement
   (a) 495 × 625 × 16 (b) 250 × 60 × 50 × 8

9. Find the value of following using suitable property.
   (a) 8870 × 461 – 361 × 8870 (b) 24579 × 93 + 24579 × 7

10. Divide (a) 16135 by 875 (b) 16025 by 1000 and check your result using division algorithm in each case.
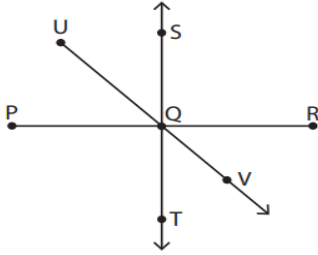
11. Read the figure and the following questions

   (a) Name all the points (b) name any three rays (c) name any two line segments (d) name the line in two ways.
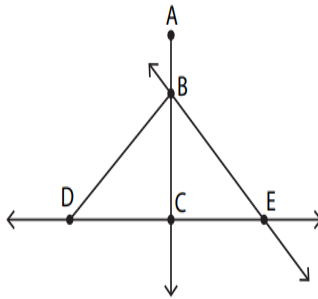
12. Read the figure and the following questions

(a) Name the line that contains the point Q (b) Name the two opposite rays (c) Name the end point of $\overrightarrow{QT}$ (d) Name all the points that lie on the $\overleftrightarrow{ST}$

13. Read the figure and the following questions

(a) Name the two opposite rays (b) How many line segments are there, name them