**Class-7**

**Mathematics**

1. Arrange 9, -8, 4, 0, -4, -2 in ascending order and mark them on a number line.
2. Evaluate : I12 – 6 I – I – 9 I
3. Write a negative integer and a positive integer whose difference is –3
4. Find the sum of integers 60, -186, -58, -64 and -190
5. Verify the following:

( -21) x [(-6) + (-4)] = (-21) x (-6) + (-21) x (-4)

1. Evaluate: [$\in $-6) + 5] $÷$ [ ( - 2) + 1]
2. Simplify :- (-3)x (-12)$÷$ (-4) + 3x6

**Class- 9**

**Mathematics**

1. Insert two rational numbers between 2 and 2.5.

2. Prove that $\sqrt{3}$ is an irrational number.

3. Express $0.\overbar{001}$ in the form $\frac{p}{q}$ where ‘p’ and ‘q’ are integers and $q \ne o$

4. Locate $\sqrt{5}$ on number line.

5. Which of the following are the irrational numbers?

a) $\sqrt{\frac{4}{9}}$ b) $\frac{\sqrt{12}}{\sqrt{3}}$ c)$\sqrt{7}$

6. Which of the following numbers have non terminating repeating decimal expansion ?

a) $\frac{11}{80 }$ , b) $\frac{17}{160}$ , c) $\frac{93}{420}$