Name: _____ *Section:* _____ *Maths: 7* *Roll No. :* _____

1.Encircle the best (only one) option in each of the given statement.

(i) *To plot* $\frac{-1}{7}$ *on a number line, the number of divisions that will be made between 0 and - 1 is/are:*

(a) 0 **(b) -1** **(c) 7** **(d) -7**

(ii) *To plot positive rational numbers on a number line we move towards the which of the side of 0 on the number line.*

(a) Left **(b) right** **(c) centre** **(d) up**

(iii) $\frac{1}{10}$ *will be plotted between :*

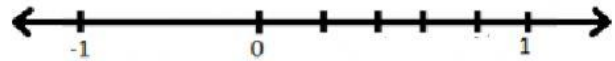
(a) 0 & 1 **(b) 1 & 10** **(c) -1 & 0** **(d) 0 & 10**

(iv) *Which number line shows correct number of divisions for* $\frac{2}{5}$:

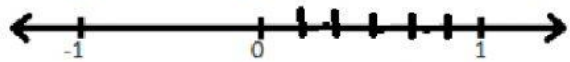
(a)



(b)

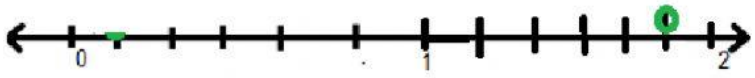


(c)

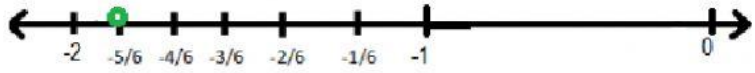


(v) Tick the number line which shows representation of $-1\frac{5}{6}$.

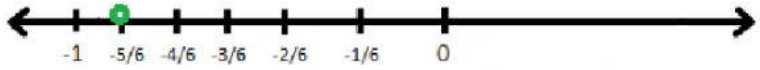
(a)



(b)



(c)



(vi) . *Aysha solved the question* $\frac{-1}{3} + \frac{3}{4} - \frac{1}{6}$ *as follows .*

$\frac{-1}{3} + \frac{3}{4} - \frac{1}{6} = \frac{-4}{12} + \frac{9}{12} - \frac{2}{12}$ **Step 1**

$= \frac{-4+9-2}{12}$ **Step 2**

$= \frac{1}{4}$ **Step 3**

Which step of the solution contain a mistake ?

(a) Step 1 *(b)* Step 2 *(c)* Step 3 *(d)* There is no mistake

(vii) Which of the following statement is true?

(a) $-\frac{1}{3} = \frac{-1}{3} = \frac{1}{-3}$ (b) $-\frac{1}{3} = -\frac{3}{1} = -3$

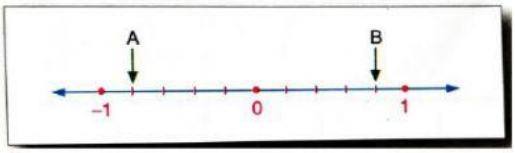
(c) $-\frac{1}{3} = -\frac{1}{-3} = -\frac{-1}{3}$ (d) $-\frac{1}{3} = -\frac{-1}{3} = \frac{1}{-3}$

2. Which of the following figure shows $\frac{-11}{5}$ correctly ?



3. On the number line (given at right)the interval from -1 to 0 & 0 to 1 is divided into 5 equal parts .

Choose the rational numbers which are represented by 'A' & 'B'?



A= $\frac{-4}{5}$ or $-1\frac{1}{5}$

B= $1\frac{4}{5}$ or $\frac{4}{5}$

LIVEWORKSHEETS