

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

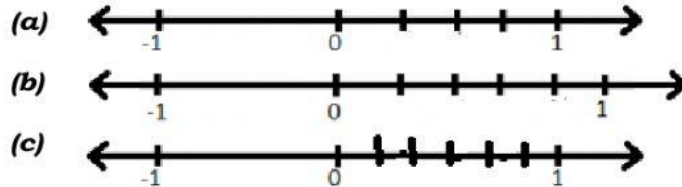
(ii) To plot positive rational numbers on a number line we move towards the which of the side of 0 on the number line.

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

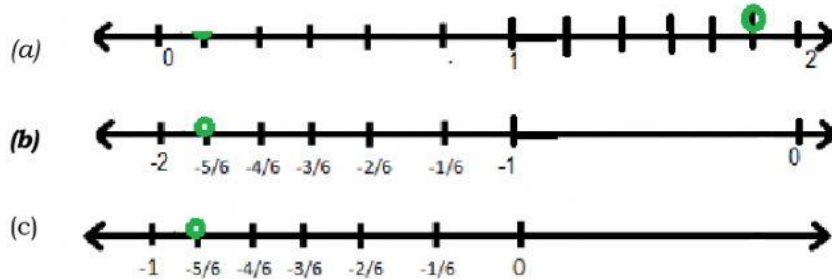
(iii) $\frac{1}{10}$ will be plotted between :

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

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



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



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

$$\begin{aligned} \frac{-1}{3} + \frac{3}{4} - \frac{1}{6} &= \frac{-4}{12} + \frac{9}{12} - \frac{2}{12} \\ &= \frac{-4+9-2}{12} \\ &= \frac{1}{4} \end{aligned}$$

Step 1
Step 2
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 $\frac{4}{5}$

