ASSIGNMENT

Class – 7TH	**Subject : MATHS**
Max Marks:	**Time :**

Q.1 Find 3 rational numbers between $\frac{3}{4}$ and $\frac{1}{2}$.

Q.2 Simplify: (i) $\left(\frac{21}{16} \times \frac{12}{9}\right) \div \left(\frac{-3}{8} \times \frac{-12}{9}\right)$

(ii) $\left(\frac{-91}{63} \times \frac{-35}{26}\right) - \left(-3\frac{4}{17} \times \frac{-85}{33}\right) + \left(\frac{-11}{18} \times \frac{12}{-33} \times \frac{3}{4}\right)$

(iii) $\left[\frac{5}{23} + \left(\frac{-8}{115}\right) + \left(\frac{-28}{138}\right)\right] \times \left[\left(\frac{23}{14}\right) \div \left(\frac{69}{17}\right)\right]$

Q.3 Verify: $x + (y + z) = (x \times y) + (x \times z)$ if $x = \frac{-3}{2}$, $y = \frac{4}{3}$, $z =$ -1.

Q.4 Find four rational numbers between $\frac{1}{9}$ and $\frac{1}{3}$ and represent them on the number line.

Q.5 Arrange the following numbers in ascending order –

 a. $\frac{9}{15}, \frac{-8}{2}, \frac{-3}{-7}, -8\frac{2}{11}, \frac{1}{5}$ 　　　　　　　b. $\frac{-3}{7}$, $\frac{-3}{2}$, $\frac{-3}{4}$

Q.6 How many pieces of tape $3\frac{4}{7}$ cm long can be cut from a long tape , which is 1 meter and 75cm.

Q.7 Divide the sum of $\dfrac{-8}{7}$ and $\dfrac{5}{14}$ by their product.

Q.8 Draw the number line and represent the following rational number on it

a. $\dfrac{3}{4}$

b. $\dfrac{-5}{8}$.

Q.9 Which of the following pairs represent the same rational number.

a. $\dfrac{-7}{21}$ and $\dfrac{3}{9}$

b. $\dfrac{-2}{-3}$ and $\dfrac{2}{3}$

Q.10 Which is greater in each of the following –

a. $\dfrac{-5}{6}$, $\dfrac{-4}{3}$

b. $-3\dfrac{2}{7}$, $-3\dfrac{4}{5}$