



NAME OF THE STUDENT :

CLASS : 7 SEC :

SUB: MATHEMATICS



DATE : 08.05.2018

TOPIC: RATIONAL NUMBERS

WORKSHEET NO:2

ANSWER THE FOLLOWING QUESTIONS

S.NO	QUESTIONS
1	Write four rational numbers equivalent to $\frac{-7}{13}$
2	Write four rational numbers just preceding - 2
3	Write four rational numbers in between $\frac{5}{6}$ and $\frac{2}{3}$
4	Represent $\frac{-4}{3}$ on the number line
5	Write four rational numbers in between -2 and -3
6	Compare $\frac{-4}{7}$ and $\frac{5}{-9}$
7	Arrange $\frac{-3}{4}, \frac{5}{-12}, \frac{-7}{16}$ in ascending order
8	Add $\frac{9}{-16}$ and $\frac{-3}{4}$
9	Simplify $2\frac{1}{3} - \frac{5}{3}$
10	Simplify $\frac{10}{12} \div (\frac{4}{5} \times \frac{2}{8})$
11	Find the value of $(\frac{-3}{16} \div \frac{2}{4}) + \frac{5}{8}$
12	Represent $\frac{2}{5}$ and $\frac{-3}{5}$ on the number line.
13	Arrange $\frac{-2}{9}, \frac{1}{3}, \frac{-5}{6}$ in descending order
14	Find the value of $(\frac{-8}{7} \div \frac{-32}{56}) + (\frac{-5}{8} - 1\frac{3}{8})$
15	Which is smaller? i) $\frac{5}{9} \times \frac{-6}{20}$ ii) $\frac{-7}{5} + \frac{3}{-15}$ iii) $\frac{16}{45} \div \frac{-8}{9}$
16	What should be subtracted from $(\frac{3}{4} - \frac{2}{3})$ to get $\frac{-1}{6}$ ?
17	Simplify: a) $(\frac{-4}{3} \times \frac{12}{-5}) + (\frac{3}{7} \times \frac{21}{15})$ , b) $\frac{-1}{2}(\frac{-3}{5} - \frac{1}{10})$ , c) $(\frac{-2}{9} \div \frac{4}{9}) + (\frac{7}{6} \times \frac{-6}{21})$ , d) $(\frac{3}{-5} + \frac{1}{10}) - (\frac{-4}{15} \div \frac{8}{-25})$ e) $(\frac{5}{2} \times \frac{-7}{20}) - (\frac{9}{4} \div \frac{3}{16}) + 10$