



NAME OF THE STUDENT :

CLASS : 7 SEC : SUB: MATHEMATICS



TOPIC: RATIONAL NUMBERS

WORKSHEET NO: 02

DATE : 11 .05.2017

Q.NO:01

S.NO	MCQ	ANSWER
(a)	$\frac{1}{7} \times \frac{-21}{4} =$ a) $\frac{-3}{4}$ b) $\frac{3}{-4}$ c) $\frac{-3}{7}$ d) $\frac{21}{4}$	
(b)	The standard form of $\frac{-45}{75}$ is a) $\frac{3}{5}$ b) $\frac{3}{-5}$ c) $-\frac{3}{5}$ d) $\frac{5}{3}$	
(c)	$0 \div \frac{-13}{7} =$ a) Not defined b) 1 c) $\frac{13}{7}$ d) 0	
(d)	The reciprocal of $\frac{-5}{9}$ is a) $\frac{9}{5}$ b) $\frac{-9}{5}$ c) $\frac{5}{9}$ d) $-\frac{5}{9}$	
(e)	The number of rational numbers between $\frac{-2}{5}$ and $\frac{-7}{5}$ is _____. a) Finite b) 0 c) Infinite d) 5	

S.NO	FILL IN THE BLANKS	ANSWER
(f)	$\frac{3}{4} \times \frac{-4}{7} =$ _____	
(g)	$\frac{-8}{11} \div \frac{8}{22} =$ _____	
(h)	$\frac{7}{-5} = \frac{\quad}{30}$	
(i)	The sum of $\frac{7}{8}$ and $\frac{-5}{8}$ is _____	
(j)	Put the correct sign (>, < or =) : $\frac{-6}{8} \square \frac{5}{-6}$	

S.NO	ANSWER THE FOLLOWING QUESTIONS
2	Which is greater? a) $\frac{-4}{3}$ or $\frac{8}{-7}$
3	Arrange in Ascending Order : $\frac{5}{15}$; $\frac{-3}{5}$; $\frac{4}{-10}$; $\frac{3}{30}$
4	Find the value of the following: a) $\frac{7}{15} \times \frac{9}{-28}$ b) $\frac{-8}{11} \div \frac{16}{22}$ c) $-2 \frac{1}{8} + (-\frac{6}{10})$ d) $(-4 \frac{1}{9}) - 1 \frac{2}{7}$
6	Find 4 rational numbers between -3 and -4
7	Multiply $\frac{8}{13}$ by the reciprocal of $\frac{-17}{26}$
8	The sum of two numbers is -8. If one of the number is $\frac{-17}{9}$, find the other
9	What should be subtracted from $\frac{-8}{15}$ so as to get $\frac{-5}{6}$?
10	By what number should we multiply $\frac{-16}{21}$, so that that their product is $\frac{4}{7}$?
11	Solve: $\frac{-5}{8} - \left(\frac{-1}{2} + \frac{1}{4} \right)$

