



NURTURE INTERNATIONAL SCHOOL

(Affiliated to CISCE, New Delhi)

WORKSHEET

Topic : Rational numbers

Name: _____

Date: _____

Class: VII

Subject: Maths

Q.1) Write five rational numbers equivalent to $5/-11$.

Q.2) Write each of the following numbers in the standard form:

(a) $78/-91$

(b) $-195/-520$

Q.3) Find the following products:

(a) $-\frac{3}{11} \times (-7)$

(c) $\left(-2\frac{5}{8}\right) \times \left(1\frac{3}{7}\right)$

(b) $-\frac{5}{12} \times \frac{16}{25}$

(d) $-1\frac{1}{12} \times \left(-\frac{5}{9}\right)$

Q.4) Find the value of:

(a) $-\frac{8}{13} \div \frac{3}{-26}$

(c) $\left(-\frac{3}{7} \times -\frac{2}{3}\right) \div \frac{16}{-21}$

(b) $3\frac{1}{7} \div \frac{11}{-12}$

(d) $(-36) \div [(-14) + (2)]$

Q.5) Which rational number is greater $-5\frac{5}{9}$ or $-5\frac{7}{12}$?

Q.6) Solve the following and show using the number line:

(a) $(-6) \div \frac{3}{5}$

(b) $-\frac{65}{14} \div \left(\frac{13}{-7}\right)$