# THE INDIAN HEIGHTS SCHOOL <br> CLASS-VII <br> WORKSHEET- Rational Numbers 

DATE- 11.9.13
NAME-
$\qquad$
(a)Numerator is a negative integer and denominator is a positive integer
$\qquad$
(b) Numerator is a positive integer and denominator is a negative integer
(c) Numerator and denominator both are positive integers $\qquad$
$\qquad$
(d) ) Numerator and denominator both are negative integers $\qquad$ .
Q2 Fill in the boxes
(a) $\frac{5}{4}=\frac{\square}{16}=\frac{25}{\square}=\frac{-15}{\square}$
(b) $\frac{-3}{7}=\frac{\square}{14}=\frac{9}{\square}=\frac{-6}{\square}$

Q3 Which of these are negative rational numbers
(a) $\frac{-2}{5}$
(b) $\frac{5}{7}$
(c) $\frac{3}{-5}$
(d) 0
(e) $\frac{6}{11}$
(f) $\frac{-2}{-9}$

Q4 Find the standard form using the H.C.F method
(a) $\frac{-18}{45}=$ $\qquad$
(b) $\frac{-12}{18}=$ $\qquad$
(c) $\frac{36}{-24}=$ $\qquad$
(d) $\frac{-3}{-15}=$ $\qquad$
Q5 (a) Six whole numbers between 3 and 10 are $\qquad$
(b) Five integers between -3 and 3 are $\qquad$
(c)Between two successive integers the number of integers is
(d) The number of integers between two integers are $\qquad$ (finite/infinite)
(e)There are $\qquad$ (limited/unlimited) number of rational numbers between two rational numbers.
(f)The additive inverse of $\frac{-2}{5}$ is $\qquad$
(g)Reciprocal of $\frac{-6}{11}$ is $\qquad$
Q6 Find the value of
(a) $\frac{7}{9}-\frac{2}{5}=$ $\qquad$
(b) $2 \frac{1}{5}-\frac{(-1)}{3}=$
(C) $\frac{2}{3} \div \frac{8}{-7}=$

