VIDYA SHREE ACADEMY
SR. SEC. SCHOOL
An English Medium Co.Ed. School | Science & Commerce

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VSA — A Real English Medium School

Little Steps — Pre Primary wing of VSA

Subject-Maths   **Class- VIII**   **Topic- Rational Number**

Worksheet-03

1. Write the additive inverse of each of the following.

   a. $\dfrac{8}{5}$ b. $\dfrac{-7}{9}$ c. $\dfrac{-2}{-11}$ d. $\dfrac{14}{-23}$

2. Find the multiplicative inverse of the following.

   a. $\dfrac{13}{7}$ b. $\dfrac{3}{-8}$ c. $\dfrac{11}{5}\times\dfrac{10}{22}$ d. $\dfrac{-14}{-15}$

3. Write the reciprocal of following:

   a. $\dfrac{-11}{-12}$ b. $\dfrac{2}{13}\times\dfrac{39}{8}$ c. $\dfrac{-4}{7}$ d. $\dfrac{21}{19}$

4. Multiple $\dfrac{6}{7}$ by reciprocal of $\dfrac{-12}{21}$.

5. Fill in the blanks.

   (i) Zero has _____ reciprocal.

   (ii) The numbers _____ and _____ are their own reciprocals

   (iii) The reciprocal of – 5 is _____.

   (iv) Reciprocal of $\dfrac{1}{x}$, where $x\neq0$ is _____.

   (v) The reciprocal of a positive rational number is _____.

Worksheet-04

1. Write any 3 rational numbers between –2 and 0.

2. Find any ten rational numbers between $\dfrac{-5}{6}$ and $\dfrac{5}{8}$.

3. Find a rational number between $\dfrac{1}{4}$ and $\dfrac{1}{2}$.

4. Find five rational numbers between $\dfrac{2}{3}$ and $\dfrac{4}{5}$

5. Write five rational numbers greater than –2.