

## VIII MATH UNIT 1 RATIONAL NUMBERS

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### WORK SHEET:

1. Define national number.
2. Write any five negative rational numbers.
3. Write the additive inverse of the following.
  - a.  $\frac{-6}{7}$
  - b.  $\frac{8}{9}$
4. Write the multiplicative inverse of the following.
  - a.  $\frac{6}{9}$
  - b.  $\frac{-11}{7}$
5. Which is called additive identity?
6. How many rational numbers are there in between given two rational numbers?
7. Which is called multiplicative identity.
8. Represent  $\frac{-5}{7}$  on a number line.
9. Find using distributivity .
$$\left\{ \frac{7}{5} \times \frac{-3}{12} \right\} + \left\{ \frac{7}{5} \times \frac{5}{12} \right\}$$
10. Write three rational numbers between  $\frac{1}{2}$  and  $\frac{1}{3}$ .

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