

1 Mark Each

1. Define rational numbers
2. Show with example that quotient of two integers may or may not be an integer.
3. Find additive inverse of $\frac{-13}{5}$.
4. Write number which has no reciprocal.
5. _____ number is equal to its multiplicative inverse.

2 Marks Each

6. Verify if $-(-x) = x$ for $\frac{-3}{5}$
7. Represent $\frac{3}{7}$ on number line.
8. Write 2 rational numbers greater than $\frac{3}{4}$

3 Marks Each

9. Represent $\frac{-11}{3}$ on number line.
10. Write 5 rational numbers between $\frac{1}{3}$ and $\frac{1}{4}$
11. Solve using appropriate properties $\frac{4}{7} \times \frac{-3}{8} + \frac{2}{5} - \frac{3}{8} + \frac{3}{7}$

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