

Class 7
Mathematics
Book- Mathematics Textbook for Class 7 by NCERT

Chapter 9: Rational Numbers

Assignment

Note: Do the following work in Practice notebook.

Q1: List four rational numbers between:

(a) 2 and 4

(b) $\frac{7}{10}$ and $\frac{4}{15}$

Q2: Give four rational numbers equivalent to:

(a) $\frac{4}{7}$

(b) $\frac{-3}{5}$

Q3: Draw the number line and represent the following rational numbers on it:

(a) $\frac{4}{5}$

(b) $\frac{-8}{3}$

Q4: Rewrite the following numbers in simplest form:

(a) $\frac{36}{108}$

(b) $\frac{-72}{180}$

Q5: Compare the given rational numbers using $>$, $<$ or $=$.

(a) $\frac{5}{7}$, $\frac{4}{3}$

(b) $\frac{-4}{5}$, -3

Q6: Find the sum

(a) $2\frac{3}{11} + \frac{-3}{4}$

(b) $\frac{-7}{11} + \frac{1}{4}$

Q7: Find:

(a) $\frac{6}{3} - \frac{7}{5}$

(b) $\frac{-3}{8} - \frac{-6}{20}$

Q8: Find the product:

(a) $\frac{-3}{4} \times \frac{5}{7}$

(b) $\frac{11}{7} \times \frac{-21}{8}$

Q9: Find the value of:

(a) $\frac{7}{3} \div \frac{5}{3}$

(b) $-10 \div \frac{1}{5}$

Q10: Arrange the following rational numbers in descending order.

$\frac{4}{7}$, $\frac{5}{9}$, $\frac{2}{6}$