

Ques No.	Question
1	NCERT - CLASS 7 - CHAPTER 9 RATIONAL NUMBERS - EXERCISE 9.1 - Q 1 List five rational numbers between: (i) -1 and 0 (ii) -2 and -1 (iii) $-\frac{4}{5}$ and $-\frac{2}{3}$ (iv) $-\frac{1}{2}$ and $\frac{2}{3}$ ▶ Watch Free Video Solution on Doubtnut
2	NCERT - CLASS 7 - CHAPTER 9 RATIONAL NUMBERS - EXERCISE 9.1 - Q 2 Write four more rational numbers in each of the following patterns : (i) $\frac{-3}{5}, \frac{-6}{10}, \frac{-9}{15}, \frac{-12}{20}, \dots$ (ii) $\frac{-1}{4}, \frac{-2}{8}, \frac{-3}{12}, \dots$ (iii) $\frac{-1}{6}, \frac{2}{-12}, \frac{3}{-18}, \frac{4}{-24}, \dots$ (iv) $\frac{-2}{3}, \frac{2}{-3}, \frac{4}{-6}, \frac{6}{9}, \dots$ ▶ Watch Free Video Solution on Doubtnut
3	NCERT - CLASS 7 - CHAPTER 9 RATIONAL NUMBERS - EXERCISE 9.1 - Q 3 Give four rational numbers equivalent to: (i) $\frac{-2}{7}$ (ii) $\frac{5}{-3}$ (iii) $\frac{4}{9}$ ▶ Watch Free Video Solution on Doubtnut
4	NCERT - CLASS 7 - CHAPTER 9 RATIONAL NUMBERS - EXERCISE 9.1 - Q 4 Draw the number line and represent the following rational numbers on it : (i) $\frac{3}{4}$ (ii) $-\frac{5}{8}$ (iii) $-\frac{7}{3}$ (iv) $\frac{7}{8}$

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NCERT - CLASS 7 - CHAPTER 9 RATIONAL NUMBERS - EXERCISE 9.1 - Q 5

The points P, Q, R, S, T, U, A and B on the number line are such that, TR = RS = SU and AP = PQ = QB. Name the rational numbers represented by P, Q, R and S.

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NCERT - CLASS 7 - CHAPTER 9 RATIONAL NUMBERS - EXERCISE 9.1 - Q 6

Which of the following pairs represent the same rational number ? (i) $\frac{-7}{21}$ and $\frac{3}{9}$ (ii) $\frac{16}{20}$ and $\frac{20}{-25}$ (iii) $\frac{-2}{-3}$ and $\frac{2}{3}$ (iv) $\frac{-3}{-5}$ and $\frac{-12}{20}$ (v) $\frac{8}{-5}$ and $\frac{-24}{15}$ (vi) $\frac{1}{3}$ and $\frac{-1}{9}$ (vii) $\frac{-5}{-9}$ and $\frac{5}{-9}$

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NCERT - CLASS 7 - CHAPTER 9 RATIONAL NUMBERS - EXERCISE 9.1 - Q 7

Rewrite the following rational numbers in the simplest form : (i) $\frac{-8}{6}$ (ii) $\frac{25}{45}$ (iii) $\frac{-44}{72}$

7	(iv) $-\frac{8}{10}$ ▶ Watch Free Video Solution on Doubtnut
8	NCERT - CLASS 7 - CHAPTER 9 RATIONAL NUMBERS - EXERCISE 9.1 - Q 8 7). Rewrite the following rational numbers in the simplest form: (i) $-\frac{8}{6}$ (ii) $\frac{25}{45}$ (iii) $-\frac{44}{72}$ (iv) $-\frac{8}{10}$ (8). Fill in the boxes with the correct symbol out of >, <, and =. (i) (ii) (iii) (iv) (v) (vi) (vii) ▶ Watch Free Video Solution on Doubtnut
9	NCERT - CLASS 7 - CHAPTER 9 RATIONAL NUMBERS - EXERCISE 9.1 - Q 9 Which is greater in each of the following: (i) $\frac{2}{3}$, $\frac{5}{2}$ (ii) $\frac{-5}{6}$, $\frac{-4}{3}$ (iii) $\frac{-3}{4}$, $\frac{2}{-3}$ (iv) $\frac{-1}{4}$, $\frac{1}{4}$ (v) $(-3)\frac{2}{7}$, $(-3)\frac{4}{5}$ ▶ Watch Free Video Solution on Doubtnut
10	NCERT - CLASS 7 - CHAPTER 9 RATIONAL NUMBERS - EXERCISE 9.1 - Q 10 Write the following rational numbers in ascending order: (i) $\frac{-3}{5}$, $\frac{-2}{5}$, $\frac{-1}{5}$ (ii) $\frac{-1}{3}$, $\frac{-2}{9}$, $\frac{-4}{3}$ (iii) $\frac{-3}{7}$, $\frac{-3}{2}$, $\frac{-3}{4}$ ▶ Watch Free Video Solution on Doubtnut
11	NCERT - CLASS 7 - CHAPTER 9 RATIONAL NUMBERS - EXERCISE 9.2 - Q 1 Find the sum : (i) $\frac{5}{4} + \left(\frac{-11}{4}\right)$ (ii) $\frac{5}{3} + \frac{3}{5}$ (iii) $\frac{-9}{10} + \frac{22}{15}$ (iv) $\frac{-9}{10} + \frac{22}{15}$ (v) $\frac{-8}{19} + \frac{(-2)}{3}$ (vi) $\frac{-2}{3} + 0$ (vii) $(-2)\frac{1}{3} + (4)\frac{3}{5}$ ▶ Watch Free Video Solution on Doubtnut

12	NCERT - CLASS 7 - CHAPTER 9 RATIONAL NUMBERS - EXERCISE 9.2 - Q 2 Find (i) $\frac{7}{24} - \frac{17}{36}$ (ii) $\frac{5}{63} - \left(\frac{-6}{21}\right)$ (iii) $\frac{-6}{13} - \frac{7}{11}$ (v) $(-2)\frac{1}{9} - 6$ ▶ Watch Free Video Solution on Doubtnut
13	NCERT - CLASS 7 - CHAPTER 9 RATIONAL NUMBERS - EXERCISE 9.2 - Q 3 Find the product: (i) $\frac{9}{2} \times \left(\frac{-7}{4}\right)$ (ii) $\frac{3}{10} \times (-9)$ (iii) $\frac{-6}{5} \times \frac{9}{11}$ (iv) $\frac{3}{7} \times \left(\frac{-2}{5}\right)$ (v) $\frac{3}{-5} \times \frac{-5}{3}$ ▶ Watch Free Video Solution on Doubtnut
14	NCERT - CLASS 7 - CHAPTER 9 RATIONAL NUMBERS - EXERCISE 9.2 - Q 4 Find the value of: (i) $(-4) \div \frac{2}{3}$ (ii) $\frac{-3}{5} \div 2$ (iii) $\frac{-4}{5} \div (-3)$ (iv) $\frac{-1}{8} \div \frac{3}{4}$ (v) $\frac{-2}{13} \div \frac{1}{7}$ (vi) $\frac{-7}{12} \div \left(\frac{-2}{13}\right)$ (vii) $\frac{3}{13} \div \left(\frac{-4}{65}\right)$ ▶ Watch Free Video Solution on Doubtnut
15	NCERT - CLASS 7 - CHAPTER 9 RATIONAL NUMBERS - SOLVED EXAMPLES - Q 1 Reduce $\frac{-45}{30}$ to the standard form ▶ Watch Free Video Solution on Doubtnut
	NCERT - CLASS 7 - CHAPTER 9 RATIONAL NUMBERS - SOLVED EXAMPLES - Q 2

16	Reduce to standard form : (i) $\frac{36}{-24}$ (ii) $\frac{-3}{-15}$ 🎥 Watch Free Video Solution on Doubtnut
17	NCERT - CLASS 7 - CHAPTER 9 RATIONAL NUMBERS - SOLVED EXAMPLES - Q 3 Do $\frac{4}{-9}$ and $\frac{16}{-36}$ represent the same rational number ? 🎥 Watch Free Video Solution on Doubtnut
	
18	NCERT - CLASS 7 - CHAPTER 9 RATIONAL NUMBERS - SOLVED EXAMPLES - Q 4 List three rational numbers between -2 and -1. 🎥 Watch Free Video Solution on Doubtnut
19	NCERT - CLASS 7 - CHAPTER 9 RATIONAL NUMBERS - SOLVED EXAMPLES - Q 5 Write four more numbers in the following pattern $\frac{-1}{3}, \frac{-2}{6}, \frac{-3}{9}, \frac{-4}{12}$ 🎥 Watch Free Video Solution on Doubtnut
20	NCERT - CLASS 7 - CHAPTER 9 RATIONAL NUMBERS - SOLVED EXAMPLES - Q 6 Satpal walks $\frac{2}{3}km$ from a place P, towards east and then from there (1) $\frac{5}{7}km$ towards west. Where will he be now from P ? 🎥 Watch Free Video Solution on Doubtnut

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