TEST - PAPER (CBSE/NCERT)

RATIONAL NUMBERS

SESSION -2024-25

CLASS - 7th

JOIN TODAY FOR ADVANCE CONCEPTS ONLY IN ₹1000 PER MONTH

MRP: ₹ 100/- ONLY

ALSO, BASIC CONCEPTS CLASSES IN SUMMER VACATION Apr, May & Jun (Every Year)

DPM CLASSES

- Time: 1 hr =: Rational Numbers: (7) mm:
- (a) -1 and 0 (b) $-\frac{1}{2}$ and $\frac{2}{3}$
- (b) $\frac{4}{9}$ (b) $\frac{4}{9}$ Equivalent to:
- Q.3. Draw the number line and represent the following rational numbers on it:

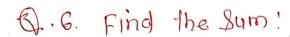
 (a) 3/4
- the simplest form.

 (9) -44

 (9) -44

 (9) -8
- 0.5. Write the following rational numbers in ascending order
 (a) $-\frac{1}{3}$, $-\frac{2}{9}$, $-\frac{4}{3}$ (b) $-\frac{3}{5}$, $-\frac{2}{5}$, $-\frac{1}{5}$

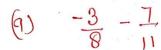
6th to 10th (Math's & Science), 11th & 12th (Physics, Chemistry, Math's)



(a)
$$\frac{-3}{-11} + \frac{5}{9}$$

(a)
$$-\frac{3}{3} + \frac{5}{9}$$
 (b) $-2\frac{1}{3} + 4\frac{3}{5}$

Q.7. Find:







Q.8. Find the product:

(b)
$$\frac{3}{7} \times (\frac{-2}{5})$$
 (b) $\frac{3}{-5} \times \frac{-5}{3}$

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



Q.9. Find the value of:

(9)
$$\frac{-1}{8} \div \frac{3}{4}$$
 (6) $\frac{-7}{12} \div \left(\frac{-2}{13}\right)$

(b)
$$\frac{-7}{12} \div \left(\frac{-2}{13}\right)$$

Q.10. Which is greater in each of the following!

(a)
$$-\frac{1}{4}$$
, $\frac{1}{4}$ (b) $-\frac{3}{4}$, $\frac{2}{-3}$

$$(6) \frac{-3}{4}, \frac{2}{-3}$$

DPM CLASSES



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