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TEST - PAPER (CBSE/NCERT)

RATIONAL NUMBERS

SESSION -2024-25

CLASS - 8th

JOIN TODAY FOR ADVANCE CONCEPTS

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

Add: Block -B, Near Glory Villa, 60 feet Road (Nearest land mark Scindia Statue), Shatabdipuram, Gwalior

Time: 1 hr -: Rational Numbers :- mm!

Q.1. The product of two rational numbers is always a ____.

Q.2. Tell what property allows you to complete

$\frac{1}{3} \times \left(6 \times \frac{4}{3}\right)$ as $\left(\frac{1}{3} \times 6\right) \times \frac{4}{3}$

Q.3. Name the property under multiplication used in each of the following:

(i) $\frac{-4}{5} \times 1 = 1 \times \frac{-4}{5} = \frac{-4}{5}$

(ii) $\frac{-13}{17} \times \frac{-2}{7} = \frac{-2}{7} \times \frac{-13}{17}$

(iii) $\frac{-19}{29} \times \frac{29}{-19} = 1$

Q.4. Find:

$\frac{2}{5} \times \frac{-3}{7} - \frac{1}{14} - \frac{3}{7} \times \frac{3}{5}$

Q.5. Find :

$$\frac{7}{5} \times \left(\frac{-3}{12}\right) + \left(\frac{7}{5} \times \frac{5}{12}\right)$$

Q.6. Find :

$$\frac{-4}{5} \times \frac{3}{7} \times \frac{15}{16} \times \left(\frac{-14}{9}\right)$$

Q.7. $\frac{3}{7} + \left(\frac{-6}{11}\right) + \left(\frac{-8}{21}\right) + \frac{5}{22}$

Q.8. Write the properities definition with example

(i) closer
(ii) Commutative
(iii) Associativity
(iv) Distributivity
(v) The Role of 0 (zero)