

Time: 10 Minutes	Paper Math 7 (T-2)	Total Marks: 10
1st Month, 2nd Week, 2nd Day	Exercise 1.4 Complete	

Q.1. Choose the correct options. (0.5x4 = 2) - درست جواب کا انتخاب کریں۔

(i) According to commutative property  $\frac{3}{-2} \times \frac{-5}{7} = ?$

? =  $\frac{3}{-2} \times \frac{-5}{7}$  خاصیت مبادلہ کے مطابق

(a) $\frac{-5}{7} \times \frac{3}{-2}$	(b) $\frac{7}{-5} \times \frac{-2}{3}$	(c) $\frac{3}{-2} \times \frac{7}{-5}$	(d) $\frac{2}{-3} \times \frac{-5}{7}$
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(ii) Identify the correct commutative property.

درست خاصیت مبادلہ کی شناخت کریں۔

(a) $\frac{10}{7} + \frac{5}{-2} = \frac{-7}{10} + \frac{2}{5}$	(b) $\frac{7}{10} \times \frac{5}{2} = \frac{7}{10} + \frac{2}{5}$
(c) $\frac{7}{10} + \frac{-2}{5} = \frac{-2}{5} + \frac{7}{10}$	(d) $\frac{10}{7} + \frac{2}{5} = \frac{-2}{5} \times \frac{7}{10}$

(iii) According to associative property  $\left(\frac{4}{3} + \frac{2}{5}\right) + \frac{3}{7} = ?$

? =  $\left(\frac{4}{3} + \frac{2}{5}\right) + \frac{3}{7}$  خاصیت تلازم کے مطابق

(a) $\frac{4}{3} + \left(\frac{2}{5} + \frac{3}{7}\right)$	(b) $\frac{4}{3} + \left(\frac{5}{2} + \frac{7}{3}\right)$
(c) $\left(\frac{3}{7} + \frac{5}{2}\right) + \frac{3}{4}$	(d) $\frac{4}{3} + \left(\frac{2}{5} + \frac{7}{3}\right)$

(iv) Identify the correct associative property. - خاصیت تلازم کی درست نشاندہی کریں۔

(a) $\left(\frac{10}{12} + \frac{11}{-2}\right) + \frac{-3}{4} = \frac{10}{12} + \left(\frac{11}{-2} + \frac{-3}{4}\right)$
(b) $\left(\frac{12}{10} + \frac{11}{2}\right) + \frac{4}{3} = \frac{10}{12} + \left(\frac{11}{-2} + \frac{-3}{4}\right)$

(c) $\frac{10}{12} + \left(\frac{11}{2} + \frac{3}{4}\right) = \left(\frac{10}{12} + \frac{3}{4}\right) + \frac{11}{2}$
(d) $\left(\frac{10}{12} + \frac{11}{-2}\right) + \frac{4}{-3} = \frac{10}{12} + \left(\frac{11}{2} - \frac{-3}{4}\right)$

☆ Answer the following questions: - درج ذیل سوالات کے جواب دیں۔

Q.2. Verify the distributive properties. (2x2=4) - خاصیت تقسیمی کو حل کریں۔

(i)  $\frac{15}{16} \times \left(\frac{8}{12} - \frac{2}{6}\right) = \left(\frac{15}{16} \times \frac{8}{12}\right) - \left(\frac{15}{16} \times \frac{2}{6}\right)$

(ii)  $\frac{-4}{6} \times \left(\frac{8}{10} - \frac{4}{5}\right) = \left(\frac{-4}{6} \times \frac{8}{10}\right) - \left(\frac{-4}{6} \times \frac{4}{5}\right)$

Q.3. Verify the associative properties.

(2x2=4)

خاصیت تلازم کو حل کریں۔

(i)  $\left(\frac{15}{20} + \frac{-5}{10}\right) + \frac{12}{40} = \frac{15}{20} + \left(\frac{-5}{10} + \frac{12}{40}\right)$

(ii)  $\left(\frac{-5}{10} + \frac{10}{-20}\right) + \frac{15}{30} = \frac{-5}{10} + \left(\frac{10}{-20} + \frac{15}{30}\right)$