EduSahara™ Assignment

Name : BODMAS of Fraction Expressions

Chapter : Fractions

Grade : ICSE Grade VII

Find the value of

1. $\frac{27}{4} + \frac{17}{4} + \frac{43}{6} + 16\frac{1}{2} \div \frac{11}{2} - 25\frac{5}{12} \div \frac{61}{12} - 13\frac{2}{3} \div \frac{41}{12} - 28 \div \frac{14}{3}$

(i) $\frac{35}{6}$ (ii) $\frac{49}{8}$ (iii) $\frac{37}{6}$ (iv) $\frac{25}{4}$ (v) $\frac{13}{2}$

Find the value of

2. $\{[15 \div [45 \div (\frac{13}{3} + \frac{14}{3})]] \times \frac{9}{2}\}$

(i) 14 (ii) $\frac{27}{2}$ (iii) $\frac{25}{2}$ (iv) $\frac{29}{2}$ (v) $\frac{53}{4}$

Find the value of

3. $\frac{10}{3} + \frac{17}{6} - 12 \div 3 - 5 \div \frac{5}{2} - 9 \div 3 - 8\frac{2}{3} \div \frac{13}{6} + \frac{7}{2}$

(i) -4 (ii) $(\frac{-10}{3})$ (iii) $(\frac{-8}{3})$ (iv) $(\frac{-16}{5})$

Find the value of

4. $([12 \div [24 \div 6]] - ((\frac{10}{3} + ((\frac{16}{3} + \frac{17}{3}) - [28 \div \frac{14}{3}])) + 5))$

(i) $(\frac{-31}{3})$ (ii) $(\frac{-51}{5})$ (iii) -11 (iv) $(\frac{-29}{3})$

Find the value of

5. $22\frac{1}{2} \div \frac{9}{2} - 22 \div \frac{11}{3} - 23 \div \frac{23}{4} - 12\frac{1}{12} \div \frac{29}{12} + \frac{59}{12} + \frac{49}{12}$

(i) 0 (ii) -2 (iii) -1 (iv) 2 (v) -3

Find the value of

6. $((3 + \frac{19}{6}) + [20\frac{2}{9} \div \{\frac{7}{3} \times \frac{13}{6}\}])$

(i) $\frac{41}{4}$ (ii) $\frac{61}{6}$ (iii) $\frac{59}{6}$ (iv) $\frac{21}{2}$ (v) $\frac{81}{8}$

Find the value of

7. $29\frac{1}{6} \div \frac{35}{6} + 45\frac{1}{2} \div \frac{13}{2} + 44\frac{1}{3} \div \frac{19}{3} - \frac{37}{6} + 39\frac{2}{3} \div \frac{17}{3} - \frac{16}{3} - \frac{20}{3}$

(i) $\frac{33}{4}$ (ii) $\frac{61}{8}$ (iii) $\frac{47}{6}$ (iv) $\frac{49}{6}$ (v) $\frac{15}{2}$

Find the value of

8. $\{\{\frac{11}{3} \times (\frac{13}{3} + [17\frac{1}{2} \div \frac{7}{2}])\} \times [12 \div [10 \div \frac{10}{3}]]\}$

(i) $\frac{410}{3}$ (ii) $\frac{960}{7}$ (iii) $\frac{1234}{9}$ (iv) $\frac{1232}{9}$ (v) $\frac{1504}{11}$

Find the value of

9. $9 \div 3 + 15 \div \frac{15}{4} + 22\frac{1}{2} \div \frac{9}{2} - 8\frac{1}{4} \div \frac{11}{4} - \frac{9}{4} + \frac{13}{4}$

(i) 7 (ii) 11 (iii) 13 (iv) 9 (v) 10

Find the value of

10. $[14\frac{1}{2} \div \{(\{[12 \div 4] \times [10\frac{1}{2} \div \frac{7}{2}]\} + (\frac{11}{4} - \frac{9}{2})) \times (\frac{17}{4} - \frac{13}{4})\}]$

(i) 2 (ii) 3 (iii) 4 (iv) 0 (v) 1

Assignment Key

1) (iii)	2) (ii)	3) (ii)	4) (i)	5) (iii)	6) (ii)
7) (iii)	8) (iv)	9) (v)	10) (i)		