EduSahara™ Assignment

Name : BODMAS of Fraction Expressions

Chapter : Fractions

Grade : ICSE Grade VII

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Find the value of

1. $25 \div 5 - \frac{9}{2} + 28\frac{1}{3} \div \frac{17}{3} + \frac{11}{2} - 21\frac{1}{3} \div \frac{16}{3} - 20\frac{5}{6} \div \frac{25}{6}$

(i) 0 (ii) 1 (iii) 3 (iv) 2 (v) 5

Find the value of

2. $(([(-1\frac{2}{3}) \div (\frac{17}{3} - 6)] + [162\frac{2}{3} \div ((7 + 8) + \frac{16}{3})]) - \{(\frac{22}{3} - \frac{25}{3}) \times \frac{19}{3}\})$

(i) $\frac{58}{3}$ (ii) $\frac{96}{5}$ (iii) $\frac{56}{3}$ (iv) 20

Find the value of

3. $36 \div 6 + 40\frac{5}{6} \div \frac{35}{6} - \frac{37}{6} - 34 \div \frac{17}{3} + \frac{20}{3} - \frac{16}{3} + 31\frac{2}{3} \div \frac{19}{3}$

(i) $\frac{41}{6}$ (ii) $\frac{29}{4}$ (iii) $\frac{43}{6}$ (iv) $\frac{15}{2}$ (v) $\frac{57}{8}$

Find the value of

4. $(\{(\frac{29}{6} - \frac{73}{12}) \times ((\frac{49}{6} - \frac{21}{4}) + \frac{53}{12})\} - \{\frac{83}{12} \times (\frac{31}{4} + (\frac{13}{2} - [22\frac{2}{3} \div \frac{17}{3}]))\})$

(i) $(\frac{-1283}{16})$ (ii) $(\frac{-1121}{14})$ (iii) $(\frac{-1441}{18})$ (iv) $(\frac{-1279}{16})$ (v) $(\frac{-1281}{16})$

Find the value of

5. $\frac{61}{12} + 17\frac{1}{12} \div \frac{41}{12} - 21\frac{1}{2} \div \frac{43}{6} + \frac{11}{2} + 30\frac{2}{3} \div \frac{23}{6} + 29\frac{7}{12} \div \frac{71}{12}$

(i) $\frac{305}{12}$ (ii) $\frac{103}{4}$ (iii) $\frac{307}{12}$ (iv) $\frac{257}{10}$ (v) $\frac{51}{2}$

Find the value of

6. $([4 \div [6 \div 3]] + \{(\frac{7}{3} + \frac{5}{2}) \times [8 \div \frac{8}{3}]\})$

(i) 17 (ii) $\frac{33}{2}$ (iii) $\frac{65}{4}$ (iv) $\frac{31}{2}$ (v) $\frac{35}{2}$

Find the value of

7. $18\frac{2}{3} \div \frac{14}{3} + 25 \div \frac{25}{6} - \frac{11}{2} + \frac{29}{6} + 28\frac{1}{3} \div \frac{17}{3} - 30 \div 5$

(i) 9 (ii) $\frac{25}{3}$ (iii) $\frac{23}{3}$ (iv) $\frac{41}{5}$

8. Find the value of

$([16 \div [18 \div \frac{9}{2}]] + \{[-3 \div (5 - \frac{11}{2})] \times [24 \div [23 \div \frac{23}{4}]]\})$

(i) 42 (ii) 37 (iii) 41 (iv) 39 (v) 40

9. Find the value of

$\frac{10}{3} - 6\frac{1}{3} \div \frac{19}{6} + 7\frac{1}{2} \div \frac{5}{2} - \frac{11}{3} - 9 \div 3 - 6\frac{1}{2} \div \frac{13}{6}$

(i) $(\frac{-26}{5})$ (ii) $(\frac{-14}{3})$ (iii) -6 (iv) $(\frac{-16}{3})$

10. Find the value of

$(\{((\frac{16}{3} - \frac{10}{3}) + \frac{14}{3}) \times [14\frac{2}{3} \div \frac{11}{3}]\} - (6 + (\frac{13}{3} - \frac{19}{3})))$

(i) 22 (ii) $\frac{112}{5}$ (iii) $\frac{70}{3}$ (iv) $\frac{68}{3}$ (v) 24

Assignment Key

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

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