EduSahara™ Assignment

Name : BODMAS of Fraction Expressions

Chapter : Fractions

Grade : ICSE Grade VII

Find the value of

1. $35 \div 7 + \frac{13}{2} - 40\frac{1}{4} \div \frac{23}{4} + \frac{25}{4} + \frac{17}{4} + 36 \div 6 + 27\frac{1}{2} \div \frac{11}{2}$

(i) 25 (ii) 27 (iii) 29 (iv) 26 (v) 23

Find the value of

2. $\{(\frac{17}{3} - ([63 \div 7] + \frac{20}{3})) \times [147 \div ((\frac{22}{3} + (\frac{19}{3} - \frac{16}{3})) + 8)]\}$

(i) -89 (ii) -90 (iii) -87 (iv) -91 (v) -93

Find the value of

3. $66 \div \frac{22}{3} - 28\frac{1}{3} \div \frac{17}{3} - \frac{25}{3} + \frac{16}{3} - 46 \div \frac{23}{3} - 38 \div \frac{19}{3}$

(i) -11 (ii) -13 (iii) -8 (iv) -10 (v) -12

Find the value of

4. $(\{\frac{7}{2} \times \frac{9}{2}\} + ((\frac{5}{2} - (\frac{11}{4} - \frac{13}{4})) - \{\{\frac{15}{4} \times (\frac{9}{4} - \frac{17}{4})\} \times \{3 \times 4\}\}))$

(i) $\frac{437}{4}$ (ii) $\frac{217}{2}$ (iii) $\frac{219}{2}$ (iv) $\frac{435}{4}$ (v) $\frac{433}{4}$

Find the value of

5. $32 \div \frac{16}{3} + \frac{17}{3} + \frac{19}{3} - 26 \div \frac{13}{3} - 30 \div 6 + 15 \div 5$

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

Find the value of

6. $\{[(-16\frac{2}{3}) \div (([35 \div [26\frac{2}{3} \div \frac{16}{3}]] - \frac{13}{3}) - 6)] \times (\frac{14}{3} - \{[44 \div \frac{22}{3}] \times 7\})\}$

(i) $(\frac{-560}{3})$ (ii) $(\frac{-562}{3})$ (iii) -188 (iv) $(\frac{-932}{5})$ (v) -186

Find the value of

7. $4 + 15 \div \frac{15}{4} + 21\frac{1}{4} \div \frac{17}{4} + \frac{9}{2} + 7\frac{1}{2} \div \frac{5}{2} + 10\frac{1}{2} \div \frac{7}{2}$

(i) $\frac{45}{2}$ (ii) $\frac{93}{4}$ (iii) $\frac{49}{2}$ (iv) $\frac{47}{2}$ (v) 24

Find the value of

8. $(3 - ((\frac{5}{2} - \frac{17}{6}) - \{\{\frac{11}{3} \times \{[4\frac{1}{3} \div \frac{13}{6}] \times \frac{7}{2}\}\} \times \frac{7}{3}\}))$

(i) $\frac{569}{9}$ (ii) $\frac{695}{11}$ (iii) 63 (iv) $\frac{443}{7}$ (v) $\frac{571}{9}$

Find the value of

9. $\frac{13}{2} + 20 \div 5 - 22 \div \frac{11}{2} - \frac{21}{4} - \frac{25}{4} - 19 \div \frac{19}{4} - 36 \div 6$

(i) -16 (ii) -15 (iii) -12 (iv) -18 (v) -14

Find the value of

10. $\{\frac{35}{4} \times (((\frac{65}{12} - \frac{95}{12}) - (\frac{85}{12} + \frac{25}{4})) + (((\frac{35}{6} + (\frac{20}{3} - \frac{15}{2})) - \frac{25}{3}) - \frac{55}{6}))\}$

(i) $(\frac{-2977}{12})$ (ii) $(\frac{-2481}{10})$ (iii) $(\frac{-2975}{12})$ (iv) $(\frac{-3469}{14})$ (v) $(\frac{-991}{4})$

Assignment Key

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