EduSahara™ Assignment

Name : BODMAS Expressions

Chapter : Rational Numbers

Grade : SSC Grade VIII

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Find the value of

1. $48 \div 8 - \frac{14}{3} - 44 \div \frac{22}{3} - 7 - \frac{20}{3} + 24 \div 6 - 17\frac{1}{3} \div \frac{13}{3}$

(i) $(\frac{-91}{5})$ (ii) $(\frac{-55}{3})$ (iii) -19 (iv) $(\frac{-53}{3})$

Find the value of

2. $(\{((\frac{7}{2} + \frac{17}{6}) - 3) \times (\frac{7}{3} + \frac{5}{2})\} - \{\frac{10}{3} \times [16 \div [14\frac{2}{3} \div \frac{11}{3}]]\})$

(i) 3 (ii) $\frac{25}{9}$ (iii) $\frac{29}{11}$ (iv) $\frac{23}{9}$

Find the value of

3. $51 \div \frac{17}{3} + 7 - 32 \div \frac{16}{3} + 42 \div 7 + 53\frac{1}{3} \div \frac{20}{3} - 6 - 8$

(i) 10 (ii) 8 (iii) 9 (iv) 11 (v) 12

Find the value of

4. $((((\frac{73}{12} - \frac{22}{3}) + \frac{17}{3}) - (\frac{83}{12} + \frac{29}{6})) + (([73\frac{1}{2} \div \frac{49}{6}] + \frac{53}{12}) + [31\frac{1}{2} \div \frac{21}{4}]))$

(i) $\frac{145}{12}$ (ii) $\frac{143}{12}$ (iii) $\frac{49}{4}$ (iv) $\frac{169}{14}$ (v) $\frac{121}{10}$

Find the value of

5. $16 \div \frac{16}{3} - \frac{17}{3} + 25\frac{2}{3} \div \frac{11}{3} - 5 + 18\frac{2}{3} \div \frac{14}{3} + 6 - 24 \div 6$

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

Find the value of

6. $(\{[42 \div 6] \times ([47 \div ([25\frac{1}{2} \div \frac{17}{4}] + \frac{23}{4})] - \frac{11}{2})\} + \{\frac{13}{2} \times \frac{21}{4}\})$

(i) $\frac{189}{8}$ (ii) $\frac{47}{2}$ (iii) $\frac{187}{8}$ (iv) $\frac{191}{8}$ (v) $\frac{143}{6}$

Find the value of

7. $6 - 15 \div 5 + \frac{19}{3} - 37\frac{1}{3} \div \frac{16}{3} - 16 \div 4 - 11 \div \frac{11}{3}$

(i) $(\frac{-14}{3})$ (ii) -6 (iii) -4 (iv) $(\frac{-22}{5})$ (v) $(\frac{-16}{3})$

Find the value of

8. $([26 \div (\frac{10}{3} + \frac{16}{3})] + (5 + (4 + \{[9\frac{1}{3} \div \frac{7}{3}] \times \frac{11}{3}\})))$

(i) 26 (ii) 28 (iii) $\frac{132}{5}$ (iv) $\frac{80}{3}$ (v) $\frac{82}{3}$

Find the value of

9. $7 + 40\frac{1}{4} \div \frac{23}{4} - \frac{15}{2} - 42 \div \frac{21}{4} - 36 \div 6 + 43\frac{3}{4} \div \frac{25}{4}$

(i) $(\frac{-3}{2})$ (ii) $(\frac{-1}{2})$ (iii) -1 (iv) $\frac{1}{2}$ (v) $(\frac{-1}{4})$

Find the value of

10. $((\frac{55}{6} + \{\frac{25}{4} \times \frac{35}{6}\}) - [3124\frac{7}{32} \div (\{\{\frac{35}{4} \times \frac{65}{12}\} \times \frac{15}{2}\} - \frac{25}{3})])$

(i) $\frac{293}{8}$ (ii) $\frac{73}{2}$ (iii) $\frac{291}{8}$ (iv) $\frac{221}{6}$ (v) $\frac{295}{8}$

Assignment Key

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