EduSahara™ Assignment

Name : BODMAS Expressions

Chapter : Rational Numbers

Grade : SSC Grade VIII

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Find the value of

1. $35 \div 5 + \frac{17}{3} - 32 \div \frac{16}{3} - 43\frac{1}{6} \div \frac{37}{6} + \frac{13}{2} + \frac{19}{3} - 35 \div \frac{35}{6} + \frac{20}{3}$

(i) $\frac{77}{6}$ (ii) $\frac{105}{8}$ (iii) $\frac{27}{2}$ (iv) $\frac{79}{6}$ (v) $\frac{53}{4}$

Find the value of

2. $(\{(4 + 5) \times \frac{19}{3}\} + ([37\frac{1}{3} \div \frac{16}{3}] + [20 \div (6 + (\frac{10}{3} - \frac{13}{3}))]))$

(i) 68 (ii) 71 (iii) 65 (iv) 67 (v) 69

Find the value of

3. $\frac{19}{6} - 8 \div \frac{8}{3} - \frac{7}{2} - 7\frac{1}{2} \div \frac{5}{2} + 11 \div \frac{11}{3} + 9 \div 3$

(i) $\frac{1}{3}$ (ii) $(\frac{-1}{3})$ (iii) -1 (iv) $(\frac{-1}{5})$

Find the value of

4. $[582\frac{3}{4} \div (\{(\frac{11}{2} + \frac{29}{4}) \times [45\frac{1}{2} \div \frac{13}{2}]\} - 6)]$

(i) 7 (ii) 6 (iii) 4 (iv) 9 (v) 8

Find the value of

5. $37\frac{11}{12} \div \frac{65}{12} - 63\frac{3}{4} \div \frac{85}{12} + \frac{15}{2} - 39\frac{7}{12} \div \frac{95}{12} + 78\frac{3}{4} \div \frac{35}{4} + \frac{55}{6}$

(i) $\frac{56}{3}$ (ii) 20 (iii) $\frac{92}{5}$ (iv) 18 (v) $\frac{58}{3}$

Find the value of

6. $\{((\frac{73}{12} - ([58\frac{2}{3} \div \frac{22}{3}] - \frac{17}{3})) + \frac{13}{2}) \times \{\frac{49}{6} \times (\frac{83}{12} - \frac{21}{4})\}\}$

(i) $\frac{10043}{72}$ (ii) $\frac{10045}{72}$ (iii) $\frac{3349}{24}$ (iv) $\frac{279}{2}$ (v) $\frac{9767}{70}$

Find the value of

7. $16 \div \frac{16}{3} + 20 \div \frac{10}{3} + 13 \div \frac{13}{3} - 18 \div 6 - \frac{19}{3} - 5$

(i) $(\frac{-11}{5})$ (ii) $(\frac{-7}{3})$ (iii) -3 (iv) $(\frac{-5}{3})$

Find the value of

8. $[145 \div \{((\frac{17}{4} - \frac{19}{4}) + (4 + \frac{15}{4})) \times 5\}]$

(i) 3 (ii) 4 (iii) 7 (iv) 5 (v) 1

Find the value of

9. $\frac{29}{12} + 15 \div 5 + 24\frac{1}{2} \div \frac{49}{12} - 40\frac{1}{4} \div \frac{23}{4} + \frac{11}{3} - 16\frac{1}{4} \div \frac{13}{4} - \frac{37}{6}$

(i) $(\frac{-13}{4})$ (ii) $(\frac{-43}{14})$ (iii) $(\frac{-35}{12})$ (iv) $(\frac{-37}{12})$ (v) $(\frac{-31}{10})$

Find the value of

10. $[(-17\frac{1}{2}) \div (\frac{16}{3} - (\frac{13}{3} + \frac{9}{2}))]$

(i) 3 (ii) 5 (iii) 4 (iv) 8 (v) 6

Assignment Key

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

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