

EduSahara™ Learning Center Assignment

Grade : Class VIII, ICSE

Chapter : Fractions

Name : BODMAS of Fraction Expressions

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Find the value of

1. $\frac{27}{4} - 50 \div \frac{25}{4} + \frac{15}{2} - \frac{21}{4} - 58 \div \frac{29}{4} - 27\frac{1}{2} \div \frac{11}{2} + 32\frac{1}{2} \div \frac{13}{2}$

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

Find the value of

2. $\{(((\frac{13}{2} + \frac{17}{4}) \times [25 \div [23\frac{3}{4} \div \frac{19}{4}]]]) + [63 \div (5 + \frac{11}{2})]\} \times \{\frac{21}{4} \times \frac{9}{2}\}$

(i) $\frac{47993}{34}$ (ii) $\frac{45171}{32}$ (iii) $\frac{45173}{32}$ (iv) $\frac{45169}{32}$ (v) $\frac{42349}{30}$

Find the value of

3. $22\frac{2}{3} \div \frac{17}{3} + \frac{16}{3} + \frac{10}{3} + 15 \div 5 + 38 \div \frac{19}{3} + 14 \div \frac{14}{3}$

(i) $\frac{76}{3}$ (ii) $\frac{122}{5}$ (iii) $\frac{74}{3}$ (iv) 24 (v) 26

Find the value of

4. $[24\frac{1}{2} \div \frac{49}{12}]$

(i) 6 (ii) 5 (iii) 9 (iv) 7 (v) 3

Find the value of

5. $\frac{17}{3} - 44 \div \frac{22}{3} - \frac{20}{3} + 42 \div 6 - 61\frac{1}{3} \div \frac{23}{3} + \frac{25}{3} - 48 \div 6$

(i) -7 (ii) $(\frac{-37}{5})$ (iii) $(\frac{-23}{3})$ (iv) -9 (v) $(\frac{-25}{3})$

Find the value of

6. $([58\frac{1}{3} \div \frac{35}{6}] + [90 \div [611\frac{1}{9} \div \{\frac{20}{3} \times \frac{55}{6}\}]])$

(i) 19 (ii) 17 (iii) 21 (iv) 18 (v) 20

Find the value of

7. $23\frac{3}{4} \div \frac{19}{4} - \frac{23}{4} + 27 \div \frac{9}{2} + \frac{11}{2} - 26 \div \frac{13}{2} + 29\frac{3}{4} \div \frac{17}{4}$

(i) $\frac{57}{4}$ (ii) $\frac{53}{4}$ (iii) $\frac{55}{4}$ (iv) $\frac{27}{2}$ (v) $\frac{29}{2}$

Find the value of

8. $[16 \div (([25\frac{1}{3} \div \frac{19}{3}] - \frac{20}{3}) + \frac{14}{3})]$

(i) 6 (ii) 10 (iii) 9 (iv) 8 (v) 7

Assignment Key

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