

BODMAS SIMPLIFICATION (unsolved questions with answers)

(i)  $36 - 2(20 + 12 \div 4 \times 3 - 2 \times 2) + 10$

(ii)  $18 + (28 - 7) \div 3 - 11$

(iii)  $5\frac{1}{7} - \{3\frac{3}{10} \div (2\frac{4}{5} - \frac{7}{10})\}$

(iv)  $22 - \frac{1}{4}\{-5 - (-48) \div (-16)\}$

(v)  $7\frac{1}{3} \div 3$  of  $2\frac{1}{5} + 1\frac{3}{8} \div 2\frac{3}{4} - 1\frac{1}{2}$

(vi)  $(\frac{2}{3} + \frac{4}{9})$  of  $\frac{3}{5} \div 1\frac{2}{3} \times 1\frac{1}{4} - \frac{1}{3}$

(vii)  $8 - [28 \div \{34 - (36 - 18 \div 9 \times 8)\}]$

(viii)  $6 - [\frac{5}{6} + \{3\frac{7}{8} - 2\frac{1}{3} + 1\frac{7}{9}\}]$

(ix)  $9\frac{3}{4} \div 2\frac{1}{6} + \{4\frac{1}{3} - (1\frac{1}{2} + 1\frac{3}{4})\}$

(x)  $54 \div 3$  of  $6 + 9$

(xi)  $19 - [4 + \{16 - (12 - 2)\}]$

(xii)  $36 - [18 - \{14 - (15 - 4 \div 2 \times 2)\}]$

(xiii)  $39 - [23 - \{29 - (17 - 9 - 3)\}]$

(xiv)  $15 - (-5) \{4 - \overline{7 - 3}\} \div [3\{5 + (-3) \times (-6)\}]$

Ans. (i) -4 (ii) 14 (iii)  $3\frac{4}{7}$  (iv) 24 (v) 4 (vi)  $\frac{1}{6}$  (vii) 6 (viii)  $1\frac{61}{72}$  (ix) 3  
 (x) 12 (xi) 9 (xii) 21 (xiii) 34 (xiv) 15