सरलीकरण के सवाल class 6

Simplify each of the following:

(i)   (3 × 2) − (8 − 5)

(ii)   30÷ 6+10-2✕ 5

(iii)   (18+10)-(3 x 6)

(iv)   48÷16✕2+17-9

(v)   (10✕8) ÷(20÷5)

(vi)   {20+(15+5)}-5

(vii)   121÷ 11+29-2 ✕10

(viii)   36 - [18 - {14 - (15 − 4 ÷ 2 x 2)}]

(ix)   45 - [38 - {60 ÷ 3 − (6 - 9 ÷ 3) ÷ 3}]

(x)   60-48÷6✕4+8

(xi)   39-15+18✕9÷3

(xii)   [29 - (-2) {6 - (7 - 3)}] ÷ [3 x {5 + (-3) x (-2)}]

(xiii)   100-72÷8+4✕3

(xiv)   30+75÷15✕4-18

(xv)   12-[20÷{8-2(9-5-2)}]

(xvi)   4+4+4+4÷4

(xvii)   25 − [4 + {16 − (12 − 2)}]

(xviii) 36 − [18 − {14 − (15 − 4 ÷2 ×2)}]

(xix)   10x10+[400÷{100-(50- $\overline{3 \times 10}$)}]

(xx) [40÷{19-3(6- $\overline{4-1}$)}]

(xxi) 2 of 5 ÷ 5 + 3

(xxii) 5 - [3 - {7 - (2 + 8 ÷ 4 × 3)}]

(xxiii) 25 - [9 - {6 - (7 - 2 ÷ 1 × 4)}]

(xxiv) [(18 − 6) ÷ 4] + [72 − 12 ÷ 3 of 2]

(xxv) 9 − [(4 − 3) + 2 x 5]

(xxvi) 48 + 96 − 24 − 6 x 18

(xxvii) 15 − [16 − {12 + 21 ÷ (9 − 2)}]

(xxviii) 60 ÷ 5 × (16 − 8 ÷ 2) ÷ 3

(xxix) (11 - 8) x 3 + 7 + 27 − 3

(xxx) [29- (- 2) {6 − (7 − 3)}] ÷ [3 x {5 + (-3) x (-2)}]

Ans. (i) 2   (ii) 5   (iii) 10   (iv)14 (v) 20   (vi) 35 (vii) 20 (viii) 21 (ix) 26 (x) 36 (xi) 78

(xii) 1 (xiii) 103 (xiv) 32 (xv) 7 (xvi) 13 (xvii) 15 (xviii) 21 (xix) 105 (xx) 4   (xxi) 5

(xxii)1   (xxiii) 23   (xxiv) 73   (xxv) -2   (xxvi)- 56   (xxvii) 14   (xxviii) 48

(xxix)40

(xxx)1