

Simplification worksheet for class 6

Simplify each of the following:

- (i) $(3 \times 2) - (8 - 5)$
- (ii) $30 \div 6 + 10 - 2 \times 5$
- (iii) $(18 + 10) - (3 \times 6)$
- (iv) $48 \div 16 \times 2 + 17 - 9$
- (v) $(10 \times 8) \div (20 \div 5)$
- (vi) $\{20 + (15 + 5)\} - 5$
- (vii) $121 \div 11 + 29 - 2 \times 10$
- (viii) $36 - [18 - \{14 - (15 - 4 \div 2 \times 2)\}]$
- (ix) $45 - [38 - \{60 \div 3 - (6 - 9 \div 3) \div 3\}]$
- (x) $60 - 48 \div 6 \times 4 + 8$
- (xi) $39 - 15 + 18 \times 9 \div 3$
- (xii) $[29 - (-2) \{6 - (7 - 3)\}] \div [3 \times \{5 + (-3) \times (-2)\}]$
- (xiii) $100 - 72 \div 8 + 4 \times 3$
- (xiv) $30 + 75 \div 15 \times 4 - 18$
- (xv) $12 - [20 \div \{8 - 2(9 - 5 - 2)\}]$
- (xvi) $4 + 4 + 4 + 4 \div 4$
- (xvii) $25 - [4 + \{16 - (12 - 2)\}]$
- (xviii) $36 - [18 - \{14 - (15 - 4 \div 2 \times 2)\}]$
- (xix) $10 \times 10 + [400 \div \{100 - (50 - 3 \times 10)\}]$
- (xx) $[40 \div \{19 - 3(6 - 4 - 1)\}]$

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