Order of operations with nested parenthesis

Grade 5 Order of Operations Worksheet

Solve the following.

1) (12 − 4) × 11 + 42 ÷ 6 = _____

2) {[36 − (12 ÷ 3)] − 5} ÷ (11 − 2) = _____

3) [68 ÷ (21 − 17) − 8] × 3 = _____

4) 6 + [19 − (15 − 7)] × 28 ÷ 7 = _____

5) [(20 − 12) × (20 + 10) + 20] − 3 = _____

6) {[18 − (18 − 6)] × 10} − 2 × 13 = _____

7) 36 ÷ 3 × [(7 − 2 − 4) × 2] = _____

8) {(26 − 14) × [(3 + 5) + 4]} ÷ 4 = _____

9) 20 × {6 − [(18 + 12 + 6) ÷ 9]} = _____

10) 3 × {12 − [2 × (12 − 3 − 2 × 3)] + 4} = _____

Order of operations with nested parenthesis

Grade 5 Order of Operations Worksheet

Solve the following.

1) $(12 - 4) \times 11 + 42 \div 6 = 95$

2) $\{[36 - (12 \div 3)] - 5\} \div (11 - 2) = 3$

3) $[68 \div (21 - 17) - 8] \times 3 = 27$

4) $6 + [19 - (15 - 7)] \times 28 \div 7 = 50$

5) $[(20 - 12) \times (20 + 10) + 20] - 3 = 257$

6) $\{[18 - (18 - 6)] \times 10\} - 2 \times 13 = 34$

7) $36 \div 3 \times [(7 - 2 - 4) \times 2] = 24$

8) $\{(26 - 14) \times [(3 + 5) + 4]\} \div 4 = 36$

9) $20 \times \{6 - [(18 + 12 + 6) \div 9]\} = 40$

10) $3 \times \{12 - [2 \times (12 - 3 - 2 \times 3)] + 4\} = 30$