

PEMDAS with nested parenthesis

Grade 5 Order of Operations Worksheet

Solve the following.

1) $(12 \cdot 7)^2 \cdot 23 =$ _____

2) $(15 \cdot 9)^2 \div (7 \cdot 4)^2 =$ _____

3) $4^3 \div (8 \cdot 6) + 18 \div (6 \cdot 3) =$ _____

4) $4^3 \div 8 \cdot 6 + 18 \div 6 \cdot 3 =$ _____

5) $4^3 \div 8 \cdot \{(6 + 18) \div 6\} \cdot 3 =$ _____

6) $[(3^3 \cdot 21) \times (15 \cdot 9)] \div 3 =$ _____

7) $2 \times \{76 \cdot [(15 \cdot 9)^2 \cdot (5^2 \cdot 3 \times 7)]\} =$ _____

8) $5 \times (4 + 17 + 10) \cdot 11^2 =$ _____

9) $2^2 \times [2 + (12 \cdot 9)^3] \cdot 8 =$ _____

10) $80 \cdot \{[(17 \cdot 9)^2 \cdot (7^2 \cdot 3 \times 9)] \cdot 12\} =$ _____