

### PEMDAS with nested parenthesis

Grade 5 Order of Operations Worksheet

Solve the following.

1)  $6^2 \div (32 \cdot 29)^2 =$  \_\_\_\_\_

2)  $[(21 \cdot 17) \times (14 \cdot 9)]^2 =$  \_\_\_\_\_

3)  $11^2 \cdot 3 \times 8 \cdot 5^2 \cdot 19 =$  \_\_\_\_\_

4)  $11^2 \cdot \{3 \times [8 \cdot (5^2 \cdot 19)]\} =$  \_\_\_\_\_

5)  $11^2 \cdot [3 \times (8 \cdot 5)^2] \cdot 19 =$  \_\_\_\_\_

6)  $12 \times (3 + 11 + 6) \div 2 =$  \_\_\_\_\_

7)  $4^2 + 2^2 \times [40 \div (31 \cdot 29)^2] =$  \_\_\_\_\_

8)  $1^3 \times \{9 + [(9 \cdot 21 \div 7) \cdot (2^3 \cdot 5)]\} =$  \_\_\_\_\_

9)  $10^2 \times 9 \cdot (4^3 \cdot 4 \times 10) =$  \_\_\_\_\_

10)  $4^2 + 3^2 \cdot \{25 \cdot [2 \times (11 + 9 \cdot 13)]\} =$  \_\_\_\_\_