

Name _____

4-step order of operations

Simplify the expression inside the nested parentheses, then apply exponents, and finally perform multiplication.

1) $3 \times (2 \times (5^2 - 6))$

114

3) $5 \times (3 \times (7^2 - 20))$

435

5) $6 \times (2 \times (9^2 - 45))$

432

7) $8 \times (2 \times (12^2 - 68))$

1216

9) $9 \times (4 \times (5^2 - 9))$

576

2) $4 \times (5 \times (6^2 - 12))$

480

4) $2 \times (4 \times (8^2 - 48))$

128

6) $7 \times (3 \times (10^2 - 61))$

819

8) $2 \times (6 \times (3^2 - 2))$

84

10) $3 \times (5 \times (4^2 - 5))$

24