

Name _____

Order of Operations with Exponents

Evaluate the multiple exponents inside the parentheses
simplify the expression and multiply the result.

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

3) $5 \times (3^2 + 1^2)$

5) $10 \times (6^2 - 2^2)$

7) $7 \times (3^2 - 1^2)$

9) $5 \times (4^2 + 1^2)$

11) $6 \times (5^2 - 2^2)$

13) $5 \times (10^2 - 8^2)$

15) $5 \times (2^2 + 4^2)$

2) $4 \times (2^2 + 3^2)$

4) $3 \times (8^2 - 4^2)$

6) $9 \times (4^2 - 1^2)$

8) $6 \times (4^2 + 2^2)$

10) $5 \times (6^2 + 3^2)$

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

14) $8 \times (5^2 - 3^2)$

16) $12 \times (7^2 - 4^2)$
