

Name _____

Order of Operations with Exponents

Simplify each expression by solving the exponent first,
then perform multiplication.

1) $2^3 \times 3 \times 4$

96

3) $4 \times 2^4 \times 6$

384

5) $8 \times 5^2 \times 3$

600

7) $6 \times 3^2 \times 5$

270

9) $3 \times 6^2 \times 2$

216

11) $2 \times 4^3 \times 3$

384

13) $2^4 \times 7 \times 3$

336

15) $6^2 \times 4 \times 2$

288

2) $3 \times 5^2 \times 2$

150

4) $3^3 \times 7 \times 2$

378

6) $2^5 \times 4 \times 3$

384

8) $7 \times 2^4 \times 3$

336

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

160

12) $9 \times 2^3 \times 5$

360

14) $3 \times 5 \times 3^2$

135

16) $2 \times 3^3 \times 5$

270