

Name _____

Order of Operations with Exponents

Simplify the expression with exponents inside nested parentheses and multiply the result.

$$1) (4 + (3^2 - 2)) \times 2$$

16

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

60

$$5) (7 + (2^3 - 4)) \times 5$$

55

$$7) (8 + (2^2 - 3)) \times 4$$

36

$$9) (9 + (2^3 - 1)) \times 3$$

48

$$11) (5 + (3^2 - 5)) \times 6$$

54

$$13) (1 + (3^2 - 1)) \times 8$$

72

$$15) (2 + (3^3 - 20)) \times 4$$

36

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

40

$$4) (6 + (2^2 - 2)) \times 3$$

24

$$6) (1 + (3^3 - 8)) \times 2$$

40

$$8) (2 + (3^2 - 6)) \times 5$$

25

$$10) (3 + (2^2 - 3)) \times 7$$

28

$$12) (4 + (2^3 - 2)) \times 5$$

50

$$14) (7 + (2^2 - 1)) \times 2$$

20

$$16) (6 + (2^2 - 1)) \times 3$$

27