Grade: 5   **Category:** Exponents   **Sub Category: Intro to Exponents**   **Worksheet #:** 182 Q

$2^4 = 2 \times 2 \times 2 \times 2$

Exponent

Base

The Exponent tells you how many times the base is multiplying by itself.

2^4: 3^2: 4^2:

5^3: 6^2: 7^2:

8^2: 9^2: 10^3:

11^2: 12^2: 13^2:

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2^4 = 2 x 2 x 2 x 2   The Exponent tells you how
                              many times the base is
Exponent   multiplying by itself.
Base

2^4: 2x2x2x2 = 16 3^2: 3x3 = 9 4^2: 4x4 = 16

5^3: 5x5x5 = 125 6^2: 6 x 6 = 36 7^2: 7x7 = 49

8^2: 8x8 = 64 9^2: 9x9 = 81 10^3: 10x10x10 = 1000

11^2: 11x11 = 121 12^2: 12 x 12 = 144 13^2: 13x13 = 169