

Chemistry Math Readiness Worksheet
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Exponents of Numbers Lesson

An exponent is a superscript, or small number written at the top right corner of a number, variable, or set of parentheses. Example: 2^3

This tells you to multiply 1 by the number as many times as the exponent says. The example above is 2 raised to the third power (raised to the third power means the exponent is 3). This is equivalent to the multiplication problem below, because there is a 1 multiplied by 2 three times.

$$1 * 2 * 2 * 2 = 8$$

As you can see, the $1 * 2 * 2 * 2$ can be simplified to 8, which is the answer to the problem.

Exponents of Numbers Problems

No.	Problem	Answer
1.	1^{47}	
2.	2^2	
3.	7^3	
4.	10^5	
5.	9^0	
6.	$(-15)^2$	
7.	-3^2	
8.	-2^3	
9.	6^2	
10.	$(5)^3$	
11.	-10^2	
12.	$(-9)^2$	
13.	-4^2	
14.	6^3	
15.	-3^3	
16.	7^2	
17.	3^3	
18.	9^2	
19.	11^2	
20.	8^2	