Big Numbers

Name	Power of Ten	Number of Zeros	Number of Periods of Zeros After 1000*
million	10^6	6	1
billion	10^9	9	2
trillion	10^{12}	12	3
quadrillion	10^{15}	15	4
quintillion	10^{18}	18	5
sextillion	10^{21}	21	6
septillion	10^{24}	24	7
octillion	10^{27}	27	8
nonillion	10^{30}	30	9
decillion	10^{33}	33	10
undecillion	10^{36}	36	11
duodecillion	10^{39}	39	12
tredecillion	10^{42}	42	13
quatturodecillion	10^{45}	45	14
quindecillion	10^{48}	48	15
sexdecillion	10^{51}	51	16
septendecillion	10^{54}	54	17
octodecillion	10^{57}	57	18
novemdecillion	10^{60}	60	19
vigintillion	10^{63}	63	20
centillion	10^{303}	303	100

*A period of zeros is a group of three zeros which is set off by a space. For example, in the number one million (1 000 000), there are two periods of zeros. The names of these big numbers are derived from the number of periods of zeros after 1000 which are used in writing them. For example, the prefix *tri-* means "three", and three periods of zeros after 1000 are used to write the number one trillion: 1 000 000 000 000.