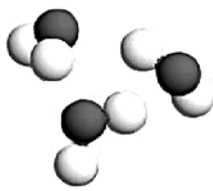


DATA SETS : why do we care?

match the quantity...


...with the item

molecules in one mole (18g) of water



CREDIT: <http://www.biology.iastate.edu>

1,000,000
(one million or 1×10^6)

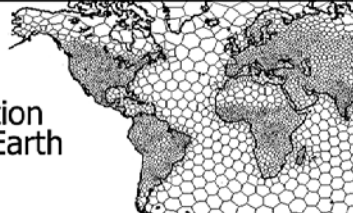


cells in the human body

CREDIT: Pittsburgh Supercomputing Center


196,939,900
(197 million, or 1.97×10^8)

population of the Earth



CREDIT: <http://publib.boulder.ibm.com/infocenter/>

6,653,077,496
(6.653 billion, or 6.653×10^9)

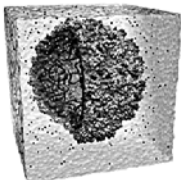


stars in the Milky Way

CREDIT: Astrophysics Data Facility at the NASA Goddard Space Flight Center

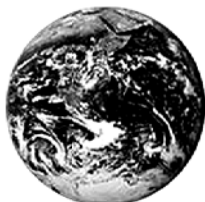
1,000,000,000,000
(one trillion, or 1×10^{12})

atoms in the Tobacco Mosaic Virus



CREDIT: University of Illinois at Urbana-Champaign's Theoretical and Computational Biophysics Group

10,000,000,000,000 to 100,000,000,000,000
(10 to 100 trillion or 10 to 100×10^{12})



surface area of the Earth in square miles

CREDIT: Lunar and Planetary Institute

602,000,000,000,000,000,000,000
(602 billion trillion or 6.02×10^{23})