Cooper
October 28, 2022

Physics 596 – Fall 2022

Fermi Problems #3

Solve, as a group, the following Fermi problems: No handbooks, calculators, or computers allowed!

(1). Estimate the surface area and volume of an average human.

(2). Estimate the number of cells in a typical human body.

(3). The average atmospheric pressure at sea level is about 14.7 psi. Estimate the weight of the earth's atmosphere.