

Math Forum - Problem of the Week

Sizing Up Sequoias [Problem #3068]



A sequoia tree seed weighs only $1/(5 \cdot 10^3)$ of an ounce. If a mature sequoia tree weighs an average of $2.16 \cdot 10^{11}$ times as much, how much does the average mature sequoia weigh?

Remember to give the weight in a reasonable unit.



Extra: If I weigh 100 lbs, how many seeds would it take to equal my weight? How many of me would it take to equal the weight of the tree?