## PAL Problem Set 1 for Phys 5A (Math Review 1)

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1.	Scientific notation: Answer the questions below and explain your reasoning.
	a. Is it unusual for a human to have an age of 6 x 10 <sup>8</sup> s?
	b. Would 10 <sup>6</sup> g be a reasonable mass for an adult person?
2.	Unit Conversion: The recommended daily allowance (RDA) of the trace metal
	magnesium is 410 mg/day for males. Express this quantity in g/day.
3.	Unit Conversion: The RDA of the amino acid lysine recommended for adults is 12 mg per kg of body weight. How many grams per day should a 75 kg adult receive

