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Gabriel Wagner



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web we utilize the equation that relate amount remaining initial mass and number of half lives $n = \frac{t}{t_{1/2}} = \frac{24 \times 50.3}{125} = 9.6$ what is the half life of an isotope that is 80% remained after 16 days solution remaining 80% 100% therefore $n = \frac{t}{t_{1/2}} = \frac{16}{100} = 0.16$ now using the half life equation in example 1 we have

web what is the half life of this radioisotope after 2 days 5 grams of the radioisotope 1 day b 2 days c 5 days d 4 days 3 the ratio of uranium 238 to lead 206 in a mineral is used to determine age b density c solubility d composition 4 a radioactive isotope has a half life of 10 years

web chapter 15 nuclear chemistry half life learning objectives define half life determine the amount of radioactive substance remaining after a given number of half lives whether or not a given isotope is radioactive is a characteristic of that particular isotope

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