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Pete Shoemark



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web we utilize the equation that relate amount remaining initial mass and number of half lives $n = \frac{\ln \left(\frac{m}{m_0} \right)}{\ln 2}$ 125 g 5 what is the half life of an isotope that is 80 remained after 16 days solution remaining 80 100 therefore $n = \frac{\ln \left(\frac{80}{100} \right)}{\ln 2}$

now using the half life equation in example 1 we have

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