Population of amorphisms.

$$A(t) = A_0\left(\frac{1}{2}\right)^{\frac{1}{87.7}}$$
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$$\begin{array}{c} 35 \\ 91 = 46(1.1) \\ 91 - 1.1 \\ 109(91) = 109(1.1) \\ 109(91/96) = 109(1.1) \\ 109(91/96) = 109(1.1) \\ 109(91/96) = 109(1.1) \\ 109(1.1) \end{array}$$

9)
$$0.4 \left(\frac{1}{3}\right)^{3x} = 7(2)^{-x}$$

$$\left(\frac{1}{3}\right)^{3x} = \frac{35}{2}(2)$$

$$\left(\frac{1}{3}\right)^{3x} = \left(0.5\left(\frac{35}{2}\right) + 10.9(2)^{x}\right)$$

$$3 \times \log\left(\frac{1}{3}\right) = \log\left(\frac{35}{2}\right) - 2 \log(2)$$

$$3 \times \log\left(\frac{1}{3}\right) + 2 \log(2) = \log\left(\frac{35}{2}\right)$$

$$2 \times \left(\frac{3}{3}\log\left(\frac{1}{3}\right) + \log\left(\frac{2}{3}\right) = \log\left(\frac{35}{2}\right)$$

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$$4 \times \log\left(\frac{3}{3}\right) + \log\left(\frac{3}{3}\right)$$

$$5 \times \log\left(\frac{3}{3}\right)$$

$$6 \times \log\left(\frac{3}{3}\right)$$

$$8 \times \log\left(\frac{3}{3}\right)$$

$$9 \times \log\left(\frac{3}{3}\right$$

$$P_{n}^{238}$$

$$A(t) = A_{0} \left(\frac{1}{2}\right)^{\frac{1}{67.7}}$$

$$e^{k} = \left(\frac{1}{2}\right)^{\frac{1}{67.7}}$$

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$$e^{k} = \frac{\ln(\frac{1}{2})}{87.7} = \frac{\ln(\frac{1}{2})}{87.7}$$

$$A(t) = \left(\frac{1}{2}\right)^{\frac{1}{67.7}}$$

Radio Carbon 7=5730 yens. 35% C'It is left in a sample of cloth. In 2 t A(t)=1e 5730 0.35=e-12/5770 t $|n(0.35) = -\frac{1}{5730} +$ $8678 = \frac{5730 h(0.35)}{-\ln 2} = \pm$