

W 24991

$$m(t) = m_0 \cdot 2^{-\frac{t}{T}}$$

$$m_0 = 40, T = 10,$$

$$m(t) \approx 5$$

$$40 \cdot 2^{-\frac{t}{10}} \approx 5 \quad | : 40$$

$$2^{-\frac{t}{10}} \approx \frac{1}{8}$$

$$2^{-\frac{t}{10}} \approx (2)^{-3}$$

$$-\frac{t}{10} \approx -3$$

$$\frac{t}{10} \leq 3$$

$$t \leq 30$$

Dauer: 30