Opgave 275

$$T_{\frac{1}{2}} = 4$$
$$f(-2) = 58$$

Opstilelr 2 ligningner

$$4 = -\frac{\log 2}{\log a}$$
$$58 = b \cdot a^{-2}$$

⇕   *The system of equations is solved for a,b by WordMat's 'solve equation' function,*

$$a = 0{,}8408964 \quad \wedge \quad b = 41{,}01219$$

$$f(x) = 41 \cdot 0.841^x$$