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$$f(-1) = 12$$
$$f(1) = 3$$

Opstiller 2 lingningnger

$$12 = b \cdot a^{-1}$$
$$3 = b \cdot a^1$$

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

$$(b = 6 \quad \wedge \quad a = 0{,}5)$$

$$f(x) = 6 \cdot 0.5^x$$

Udregn halverringkonstante

$$T_{\frac{1}{2}} = -\frac{\log 2}{\log a}$$
$$T_{\frac{1}{2}} = -\frac{\log 2}{\log 0.5}$$
$$T_{\frac{1}{2}} = 1$$