(14.2) Assume the irradiation time of the gold foil in the previous problem is one week. What percentage of the original gold atoms in the target have undergone transformation?

Calculations:

$transrate := 9.9 \cdot 10^{-8} \cdot sec^{-1}$ $\qquad$ $time := 7 \cdot day$ $\qquad$ $transrate \cdot time = 6 \cdot \%$