

Half Lives!

The half life of a certain radioactive material is 762 years. If 82 grams are present now, how much will be present in 25 years?

80.16 grams

A pile of leaves started decaying at a **continuous** rate 4 days ago and decay each day. If 20 pounds of leaves existed 3 days ago, and 15 pounds exist today...

- a. What is the rate of decay? **-9.6%**
- b. Find the half life of the leaves. **7.23 days**