5/1 Homework **Hints**

1. The half-life of Carbon-14 is 5,730 years. If a specimen starts with 100% Carbon-14, how much will be left after 5,730 years?

Short answer text

Half of what?

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2. How much Carbon-14 will be left after 11,460 years? *

Short answer text

Not 0 !!
How much decays after each half-life?

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3. A human skull is found to have 0.8% Carbon-14 (relative to the amount it had when it was alive). The half-life of Carbon-14 is 5,730 years. How old is the skull?

Short answer text

How many half-lives does it take to get to 0.8%?