

Name _____

1. A sample of thorium-231 has 65% remaining of its original mass. How old is the material?
2. An original sample had 35 g of potassium-40, it now has 2.1 g of potassium-40. How old is it?
3. An original sample had 235 g of Plutonium-239, it now has 34 g of plutonium-239. How old is it?
4. A sample has 25 g of strontium-90, it is 83 years old. How much was originally present?
5. An original sample had 75 g of radon-222, it now has 42 g of radon-222. How old is it?