

General Algebra 2 Worksheet #9 Unit 11

1. A certain radioactive substance with a mass of 2000 grams has a half-life of 7 years. Express its mass, Q , as a function of time, t , in years. Graph this function for values of t from 0 to 30 years.

function: _____

2. A certain radioactive substance with a mass of 1500 grams has a half-life of 10 years. Express its mass, Q , as a function of time, t , in years. Graph this function for values of t from 0 to 30 years.

function: _____

3. A certain radioactive substance with a mass of 2800 grams has a half-life of 4 years. Express its mass, Q , as a function of time, t , in years. Graph this function for values of t from 0 to 30 years.

function: _____

