Navaneeth Krishna Anilkumar

NSID: nka629

Student number: 11306665

DR. Mark Keil

1.

Enter initial amount of material in grams : 100

Enter half life in days : 2

After 0 days there are 100.0 grams remaining .

After 1 days there are 70.71067811865476 grams remaining .

After 2 days there are 50.0 grams remaining .

After 3 days there are 35.35533905932738 grams remaining .

After 4 days there are 25.0 grams remaining .

After 5 days there are 17.67766952966369 grams remaining .

After 6 days there are 12.5 grams remaining .

After 7 days there are 8.838834764831844 grams remaining .

After 8 days there are 6.25 grams remaining .

After 9 days there are 4.419417382415922 grams remaining .

After 10 days there are 3.125 grams remaining .

After 11 days there are 2.209708691207961 grams remaining .

After 12 days there are 1.5625 grams remaining .

After 13 days there are 1.1048543456039805 grams remaining .

After 14 days there are 0.78125 grams remaining .

2.

Please input a student’s first name :Irine

Irine

A student with the following first initial will be in the Background Research group : R

Irine is in task group two!

Process finished with exit code 0

3.

Please input a student’s first name :jess

Jess

A student with the following first initial will be in the Background Research group : X

Jess is in task group three !

Process finished with exit code 0