

The mosquito population of River Grove increases at a rate of 7.3% per year. If the current population is 213,572 mosquitos...

1. How many will there be 5 years from now?
2. How many will there be 25 years from now?
3. How many years will it take to reach 10,000,000 mosquitos?

You invest \$5,000 in BolanCo, which pays 11% yearly interest compounded monthly.

4. How much will your investment be worth 10yrs from now?
5. How much would your investment be worth 10 yrs from now if it was compounded ?

Daily

"Lifeform X" from planet Grblldygook is a giant blob that looks like jelly. It has a mass of 815.3kg, but grows continuously at a rate of 13% per day.

6. How much mass will it have 7 days from now?

You own a \$2,000 custom ElCamino. It depreciates at a rate of 15% per year.

7. How much will it be worth in 7 years?
8. How many years before it is only worth \$200?