Compound Interest Assignment #2 Please show which formula you used And what numbers you plugged in for credit!	
1)	Barry puts \$10,000 into an account and leaves it there for 7 years, compounded quarterly, at 3 $\frac{1}{2}$ % interest (APR). How much will he have at the end of 7 years?
2)	How much interest will Kevin get when he puts \$20,000 in a 5-year account compounded continuously at 2.25%?
3)	How much interest would Kevin have gotten above if the account was only compounded yearly?
4)	How long does it take to double your money in an account that pays 4% and is compounded daily?
5)	Edgar wants to turn \$5,000 into \$10,000 by putting his money into an account that will be compounded daily for 6 years. What interest rate will Edgar need to find?

Name _____

6)	Edith wants \$5,000 in 6 years. She has \$3000 to invest now. What interest rate should she shop for if it is to be compounded continuously?
7)	Kaitlyn has \$10,000 at the end of 5 years with 3.7% APR, compounded monthly. How much did she originally invest?
8)	Michael invests \$1,000 at the beginning of each year for 4 years into an account that pays 4% compounded yearly. How much money will he have at the end of the fourth year?