Answer the following questions. Round to the nearest cent.

1. A loan of $5380 for 5.2% made on July 12 and due on December 28. How much will the lender get back?

2. You put $1900 in an account and leave it for 5 years at 6.35% compounded monthly. How much will you make in interest?

3. Jake Winters plans to invest $7400. Find the time in months he would have to leave the money to have $9944 at 12.3% (round to the nearest month).
4. A school district needs $1.2 million to refurbish the auditorium. A local bank offers them a great interest rate of 10.4%, if they will leave the money for 5.5 years. What would the school have to invest today to have that amount of money in 5.5 years if the account compounds quarterly?

5. A friend offers you a discount loan to pay for refurbishing your floors. You need $2500 in proceeds from the loan and you agree to a discount rate of 5.5% for 270 days. What does the face value of the note have to be?