

Name: _____

COMPUTER TECHNOLOGY ASSIGNMENT 13 MICROSOFT EXCEL 2007



- Go to Microsoft Excel. Go to the Office Button and select New. Choose Installed Templates from the left-hand list. Choose Loan Amortization and click Create. This is a loan calculator. You will be calculating the interest and the payments for various items.
- The house to the right is an actual home for sale in West Jordan.
 - The asking price is \$235,000.
 - An average interest rate in Utah is 6.5% for a 30-year loan, 6.0% for a 15-year loan.
 - You will make 12 payments per year.
- If you make a 30 year loan, how much is your payment per month? _____. How much total interest would you pay? _____.
- With a 15 year loan, how much would you pay a month? _____. What is your total interest? _____.
- Go to <http://www.carmax.com/> and find a new car that you would like to buy. On the top toolbar choose Find a Car, and select New Cars. Find a new car that interests you. Find the asking price. Set the interest to 4.9%. Choose a time period to pay from 1-5 years.
 - How many years will it take to pay your car off? _____
 - How much are your monthly payments? _____
 - How much are you paying in interest total? _____
- Choose a used car from the same site. Enter the amount of time it will take you in order to keep your monthly payments below \$200.00 a month. Keep the interest at 4.9%.
 - How many years will it take you pay your loan off? _____
- Now lets say you get a credit card. The average American has \$8,000 in credit card debt.
 - If you have \$8,000 in credit card debt, with an interest rate of **21%**, how long will it take you to pay it off if you pay about \$150.00 a month? _____.
 - How much will you have paid in interest by that time? _____.
 - What if you pay it off at a rate of about \$300 a month? How long will it take? _____.
 - How much will you pay in interest? _____.
- Go online and find something you would like to buy that would require a loan. (Jet ski, snowmobile, RV, 4-wheeler, a house, a car, etc.) Find the total amount of the item. Use an interest rate of 6%.
 - What is your item? _____
 - What website did you find it on? _____

c. How much will you have to pay a month to pay it off, and how much interest would you pay?

	Monthly Payment	Interest Amount
5 years		
4 years		
3 years		
2 years		
1 year		

- What has this lesson taught you about taking out loans? _____

