Compound Interest Worksheets

Calculate the total amount of the investment or total paid in a loan in the following situations:

1.) You borrow $56,700 for 2 years at 6.3% that is compounded annually. What is the total amount you pay back?

2.) You invested $4,400 for 2 years at 7.3% compounded semi. What is your total after 2 years?
   Answer: $5,078.44

3.) You lent $12,200 for 2 years at 8.2% and interest is compounded quarterly for 2 years. What is the total amount you’ll see after 2 years?
   Answer:

4.) You borrowed $30,200 for 5 years at an interest rate of 13.6% and it’s compounded semi annually. How much in total will you have paid after 5 years?
   Answer:

5.) Your $730 investment gets 6.8% interest compounded monthly for 1 year. How much is your $730 worth after 1 year?
   Answer:

6.) What is your total investment of $16,000 over 2 years worth if it gets 7% interest compounded semi annually?
   Answer:

7.) Your uncle charges you 13% compounded semi annually for 2 years to lend you $155. What total amount will you pay after the 2 years?
   Answer:

8.) If you invested $305 at 7.2% interest compounded monthly for 7 years, how much money would you have after 7 years?
   Answer:

9.) You invested $140 for 2 years at an interest rate of 7.3% compounded annually for 2 years. What total do you have after 2 years?

10.) Your second mortgage is $53,000 for 8 years with an interest rate of 1% compounded annually for 8 years. What total will you have paid after 8 years?
   Answer:
Compound Interest Worksheets

Calculate the total amount of the investment or total paid in a loan in the following situations:

1.) You borrow $56,700 for 2 years at 6.3% that is compounded annually. What is the total amount you pay back?
Answer: $64,069.24

2.) You invested $4,400 for 2 years at 7.3% compounded semi. What is your total after 2 years?
Answer: $5,078.44

3.) You lent $12,200 for 2 years at 8.2% and interest is compounded quarterly for 2 years. What is the total amount you'll see after 2 years?
Answer: $14,350.40

4.) You borrowed $30,200 for 5 years at an interest rate of 13.6% and it’s compounded semi annually. How much in total will you have paid after 5 years?
Answer: $58,306.84

5.) Your $730 investment gets 6.8% interest compounded monthly for 1 year. How much is your $730 worth after 1 year?
Answer: $781.22

6.) What is your total investment of $16,000 over 2 years worth if it gets 7% interest compounded semi annually?
Answer: $18,360.37

7.) Your uncle charges you 13% compounded semi annually for 2 years to lend you $155. What total amount will you pay after the 2 years?
Answer: $199.40

8.) If you invested $305 at 7.2% interest compounded monthly for 7 years, how much money would you have after 7 years?
Answer: $504.12

9.) You invested $140 for 2 years at an interest rate of 7.3% compounded annually for 2 years. What total do you have after 2 years?
Answer: $161.19

10.) Your second mortgage is $53,000 for 8 years with an interest rate of 1% compounded annually for 8 years. What total will you have paid after 8 years?
Answer: $57,391.41