

Compound Interest Worksheets

Name _____

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:

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Name _____

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