Compound Interest Worksheets

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

1.) Your 3 year investment of $20,000 received 5.2% interested compounded semi annually. What is your total return?
Answer:

2.) You borrowed $59,000 for 2 years at 11% which was compounded annually. What total will you pay back?
Answer:

3.) Your allowance of $190 got 11% compounded monthly for 1 2/3 years. What’s it worth after the 1 2/3 years?
Answer:

4.) Your 6 1/4 year investment of $40,000 at 14% compounded quarterly is worth how much now?
Answer:

5.) You borrowed $1,690 for 5 1/2 years at 5.7% compounded semi annually. What total will you pay back?
Answer:

6.) Your $440 gets 5.8% compounded annually for 8 years. What will your $440 be worth in 8 years?
Answer:

7.) Your $54,200 2 year car loan is at 15.1% compounded annually. What will you have paid for your car after 2 years?
Answer:

8.) You invest $55 at 10% compounded annually for 3 years. How much will your investment be worth in 3 years?
Answer:

9.) Your 8 year loan of $12,200 is at 5.3% compounded annually. How much will you have paid in total for your loan?
Answer:

10.) You invest $1,900 at 4% and it’s compounded semi annually for 3 years. How much will your $1,900 be worth in 3 years?
Answer:

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Compound Interest Worksheets

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

1.) Your 3 year investment of $20,000 received 5.2% interested compounded semi annually. What is your total return?
Answer: $23,329.97

2.) You borrowed $59,000 for 2 years at 11% which was compounded annually. What total will you pay back?
Answer: $72,693.90

3.) Your allowance of $190 got 11% compounded monthly for 1 2/3 years. What’s it worth after the 1 2/3 years?
Answer: $228.04

4.) Your 6 1/4 year investment of $40,000 at 14% compounded quarterly is worth how much now?
Answer: $94,529.80

5.) You borrowed $1,690 for 5 1/2 years a at 5.7% compounded semi annually. What total will you pay back?
Answer: $2,176.33

6.) Your $440 gets 5.8% compounded annually for 8 years. What will your $440. be worth in 8 years?
Answer: $690.78

7.) Your $54,200 2 year car loan is at 15.1% compounded annually. What will you have paid for your car after 2 years?
Answer: $71,804.21

8.) You invest $55 at 10% compounded annually for 3 years. How much will your investment be worth in 3 years?
Answer: $73.21

9.) Your 8 year loan of $12,200 is at 5.3% compounded annually. How much will you have paid in total for your loan?
Answer: $18,441.10

10.) You invest $1,900 at 4% and it’s compounded semi annually for 3 years. How much will your $1,900 be worth in 3 years?
Answer: $2,139.71

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