Compound Interest Worksheets

Name_____

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

1.) You invested $52,400 at 6% compounded annually for 5 years. What is your total return on this investment?

Answer:

2.) You borrowed $10,400 for 4 years at 12.7% and the interest is compounded semi-annually. What is the total you will pay back?

Answer:

3.) Your 2 year investment of $5,300 earns 2.9% and is compounded annually. What will your total return be?

Answer:

4.) You invested $100 at 8.2% which is compounded annually for 7 years. How much will your $100. be worth in 7 years?

Answer:

5.) Your investment of $18,100 at 13.6% compounded quarterly for 71/2 years will be worth how much?

Answer:

6.) You invested your allowance of $270 which gets 15% compounded annually for 3 years. How much will you have in 3 years?

Answer:

7.) You gave your friend a short term 2 year loan of $43,000 at 3% compounded annually. What will be your total return?

Answer:

8.) Your investment of $1,200 gets 5.1% and is compounded semi annually for 7 1/2 years. What will your $1,200. be worth at the end of the term?

Answer:

9.) You borrowed $95 for 1 year at 5.2% interest that is compounded semi annually. What will you pay back in full?

Answer:

10.) Your 6 and 2/3 year investment of $1,450 at 5.4% compounded monthly brought you a grand total of?

Answer:

Compound Interest Worksheets

*Name*_____

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

1.) You invested $52,400 at 6% compounded annually for 5 years. What is your total return on this investment?

Answer: $70,123.02

2.) You borrowed $10,400 for 4 years at 12.7% and the interest is compounded semi-annually. What is the total you will pay back?

Answer: $17,018.97

3.) Your 2 year investment of $5,300 earns 2.9% and is compounded annually. What will your total return be?

Answer: $5,611.86

4.) You invested $100 at 8.2% which is compounded annually for 7 years. How much will your $100. be worth in 7 years?

Answer: $173.62

5.) Your investment of $18,100 at 13.6% compounded quarterly for 71/2 years will be worth how much?

Answer: $49,350.86

6.) You invested your allowance of $270 which gets 15% compounded annually for 3 years. How much will you have in 3 years?

$410.64

7.) You gave your friend a short term 2 year loan of $43,000 at 3% compounded annually. What will be your total return?

Answer: $45,618.70

8.) Your investment of $1,200 gets 5.1% and is compounded semi annually for 7 1/2 years. What will your $1,200. be worth at the end of the term?

Answer: $1,750.72

9.) You borrowed $95 for 1 year at 5.2% interest that is compounded semi annually. What will you pay back in full?

Answer: $100.00

10.) Your 6 and 2/3 year investment of $1,450 at 5.4% compounded monthly brought you a grand total of?

Answer: $2,076.65