

Interest Problem Worksheet

Name: _____

Date: _____

Simple Interest:

1) The Amount you Borrowed(Original Amount) is \$1987, Annual Interest Rate is 4%, Time Period is 2
Amount after 20 years is: _____ Interest after 20 years is: _____

2) The Amount you Borrowed(Original Amount) is \$803, Annual Interest Rate is 10%, Time Period is 2
Amount after 2 years is: _____ Interest after 2 years is: _____

3) The Amount you Borrowed(Original Amount) is \$1328, Annual Interest Rate is 2%, Time Period is 1
Amount after 18 years is: _____ Interest after 18 years is: _____

Compound Interest

4) The Amount you Borrowed(Original Amount) is \$1044, Annual Interest Rate is 6%
Number of times per year the interest is compounded is 9 , time period is 12 years
Amount after 12 years is: _____ Interest after 12 years is: _____

5) The Amount you Borrowed(Original Amount) is \$1579, Annual Interest Rate is 5%
Number of times per year the interest is compounded is 7 , time period is 19 years
Amount after 19 years is: _____ Interest after 19 years is: _____

6) The Amount you Borrowed(Original Amount) is \$3193, Annual Interest Rate is 13%
Number of times per year the interest is compounded is 2 , time period is 11 years
Amount after 11 years is: _____ Interest after 11 years is: _____

Answer Key

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Interest Problem Answer

Simple Interest:

1) The Amount you Borrowed(Original Amount) is \$1987, Annual Interest Rate is 4%, Time Period is 20 years
Amount after 20 years is: \$ 3576.6 Interest after 20 years is: \$ 1589.6

2) The Amount you Borrowed(Original Amount) is \$803, Annual Interest Rate is 10%, Time Period is 2 years
Amount after 2 years is: \$ 963.6 Interest after 2 years is: \$ 160.6

3) The Amount you Borrowed(Original Amount) is \$1328, Annual Interest Rate is 2%, Time Period is 18 years
Amount after 18 years is: \$ 1806.08 Interest after 18 years is: \$ 478.08

Compound Interest

4) The Amount you Borrowed(Original Amount) is \$1044, Annual Interest Rate is 6%
Number of times per year the interest is compounded is 9 , time period is 12 years

Amount after 12 years is: \$ 2147.38 Interest after 12 years is: \$ 1103.38

5) The Amount you Borrowed(Original Amount) is \$1579, Annual Interest Rate is 5%
Number of times per year the interest is compounded is 7 , time period is 19 years

Amount after 19 years is: \$ 4046.11 Interest after 19 years is: \$ 2467.11

6) The Amount you Borrowed(Original Amount) is \$3193, Annual Interest Rate is 13%
Number of times per year the interest is compounded is 2 , time period is 11 years

Amount after 11 years is: \$ 12761.16 Interest after 11 years is: \$ 9568.16

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