Opener

1. The original price of a motorcycle is $8000. It is discounted 10% and tax is 1%. What is the final price of the motorcycle?

2. Everything in a store is 35% off. You get an additional 15% student discount off the sale price. How much does a $20 item cost?

3. A sweater costs $25, but you pay $27 for it. What was the percent of sales tax?

Feb 17-5:36 PM

Learning Target

I can calculate simple interest.

Jun 16-8:05 AM

Where have you heard the term interest?

Visa

Bank Statement

loans

money markets

savings

Sep 21-9:33 PM

Simple Interest Formula

$$I = pr \cdot t$$

part   whole   percent

I =
P=
r=
t=

Sep 21-9:40 PM

Find the simple interest of each.

1. Caitlyn invested $5000 at a rate of 12.5% for 5 years.

2. You invested $8000 at a rate of 6% for 1 year.

3. Sarah took out a loan for $15,000 at a rate of 3.5% for 25 years. What is the TOTAL amount she will pay on her loan?

4. You invest $1500 at a rate of 6%, how much interest have you made after 9 months?

Sep 21-9:56 PM

Calculate the simple interest!

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BEST BUY

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Calculate Simple Interest

You try...

1. Carlos invests $5,000 at a rate of 3.5%. How much interest will he earn in 4 years?

2. Herman took out a loan for $8,500 at a rate of 8% for a term of 10 years. How much interest will he pay on the loan?

3. If I invest $2500 at a rate of 2.5%, how much TOTAL money will be in my account after 6 months?

Oct 6-2:24 PM

4. Delia took out a car loan for $16000 at a rate of 12.5% for a term of 5 years. What is the TOTAL amount she will pay on the loan?

5. After receiving a nice inheritance, Karla invested $15,000 into a savings account with 4% interest. If does not make any deposits or withdrawals, what will be her account balance in 5 years?

6. Bill invests $2500 at a rate of 5%. How much interest will he earn in 3 years?

Feb 13-10:35 AM

Summary

Table Discussion: Compare simple interest to the percent problems we have been solving - why have I been sneaking these problems in all along?

Jun 16-8:05 AM

Jun 16-8:03 AM