I can solve real-world percent problems.

Simple Interest

Simple Interest: Money or earned on the principal amount.

Paid: Loans Earned: banking

$$I = prt$$

I = (100)(0.05)(2) = \$10

1) Suppose a bank is offering its customers 3% interest on savings accounts. If a customer deposits \$1500 in the account, how much interest does the customer earn in 5 years?

How much does the customer have in the bank after 5 years?

\$ 1725

3) Suppose you borrow \$10,000 to pay for your last year of college. The interest rate is 8%. If you plan on paying off the loan in 10 years, how much will you pay in interest?

How much will you pay for the loan altogether?

2) Kelly plans to put her graduation money into an account and leave it there for 4 years while she goes to college. She receives \$750 in graduation money that she puts it into an account that earns 4.25% interest. After 4 years, how much has Kelly earned in interest?

How much will be in Kelly's account at the end of four years?

4) Adam plans to put his birthday money into an account and leave it there for 10 years. He receives \$400 in birthday money that he puts into an account that earns 5% interest. After 10 years, how much has Adam earned in interest?

How much will be in Adam's account at the end of ten years?