

What is Interest? Amount charged for







What is Balance?

The _____ amount of money owed.





Principle The amount that is





The ______ that you are charging for ______





Time in Simple Interest is always done in





Getting to know the vocabulary

Josh borrowed \$2000 from Jason. Jason is charging 10% for every year that Josh borrows it. <u>How much interest will Josh have to pay in</u> <u>4 years? How much is his total balance?</u>



2) P = \$4500 r = 10% t = 6 years



How many months are there in a year?

How do you convert months to fractions/decimals of a year?

Write the following as parts of a year:

3) 6 months

7) 18 months

- 4) 3 months
- 5) 9 months
- 6) 6 months

8) P = \$1200
r = 5%
t = 3 months



9) P = \$7000 r = 5.5% t = 18 months



Find the amount of borrowed (principle).

10) I = \$68 P = ? r = 4% t = 2 years

Find the interest rate. 11) I = \$6.75 P = \$90 r = ? t = 3 years



12. You deposit \$2000 in a savings account for 3 months. If the annual simple interest rate is 4.1%, how much interest will you earn?

13. You borrow \$4500 for 9 months. If the annual simple interest rate is 8%, how much interest will you owe?

13. You borrow \$120. After 9 months, you pay back the \$120 plus interest of \$5.40. What is the annual simple interest rate?

14. You deposit \$800 at 7.5%. How long will it take to earn \$15 interest?