

Simple Interest: Finding Principal, Rate, and Time

NAME:

Show your work. Circle final answers. Do *not* forget dollar signs, percent signs, or other units where necessary.

1. Joan took out a loan for \$15,000 at 2.5% simple interest. If she paid a total of \$937.50 in interest, how long was the loan period? Give your answer in *months*.

2. Bob will take a simple interest loan out at 6% interest. He will get the money on July 5 and repay it on October 13. Answer the following questions.

a.) What is the loan period? You may use the table (page 327) given in class. Include units.

b.) Use banker's interest to determine the face value of his loan if he pays \$16.67 in interest.

3. Sinead loaned her friend \$2,000 for three years. She received \$500 in simple interest. What was the interest rate? Write it as a percent, rounded to the nearest tenth of a percent.