Practice worksheet | Financial mathematics

Simple interest

Name: _____ Date: _____

6 questions | 16 marks

1. Find the interest and final amount for 1,200 dollars at 5% simple interest per year for 2 years. [3 marks]

2. Find simple interest on 500 dollars at 6% per year for 6 months. [2 marks]

3. At 4% simple interest per year for 3 years, an investment earns 72 dollars interest. Find the principal. [3 marks]

4. How many years does 400 dollars take to earn 80 dollars simple interest at 5% per year? [2 marks]

5. A 700-dollar principal earns 63 dollars simple interest in 18 months. Find the annual rate. [3 marks]

6. Compare only the total interest: 800 dollars at 4% simple interest for 3 years, or at 5% for 2 years. [3 marks]