Lesson 8.6 Practice: Simple Interest and Saving

School Launch · Pre-Algebra · Unit 8: Percent · Worksheet A

No calculator

Name _____ Date _____ Score _____ / 10

Show your work under each problem, one step per line, and check your answer. Word problems: name the unknown, write the equation, solve, and answer in a sentence with units.

1. Hannah saves \$7,300 at 5% simple interest per year for 9 years. How much interest is earned, and what is the total? EASY

2. Naomi saves \$3,900 at 6% simple interest per year for 9 years. How much interest is earned, and what is the total? EASY

3. Miriam saves \$2,100 at 3.5% simple interest per year for 6 years. How much interest is earned, and what is the total? EASY

4. Henry saves \$4,700 at 5% simple interest per year for 9 years. How much interest is earned, and what is the total? MEDIUM

5. Caleb saves \$1,000 at 4% simple interest per year for 8 years. How much interest is earned, and what is the total? MEDIUM

6. Abigail saves \$1,200 at 5% simple interest per year for 10 years. How much interest is earned, and what is the total? MEDIUM

7. Caleb saves \$3,100 at 4% simple interest per year for 7 years. How much interest is earned, and what is the total? MEDIUM

8. How many years will it take \$3,100 to earn \$697.50 in simple interest at 2.5% per year? HARD

9. How many years will it take \$3,600 to earn \$1,620 in simple interest at 5% per year? HARD

10. How many years will it take \$1,700 to earn \$510 in simple interest at 5% per year? HARD