

Extra Practice: 8.5 Simple Interest

Pre-Algebra
Unit 8: Percent
8.7: Simple Interest

Find the interest.

1. \$500 at 4% for 3 years
2. \$1200 at 7% for 5 years
3. \$750 at 6% for 18 months
4. \$1500 at 8.5% for 6 months

Find the annual interest rate.

5. $I = \$200$, $P = \$1000$, $t = 4$ years
6. $I = \$30$, $P = \$600$, $t = 2$ years
7. $A = \$2650$, $P = \$2500$, $t = 9$ months
8. $A = \$875$, $P = \$800$, $t = 15$ months

Find the amount of time.

9. $I = \$144$, $P = \$400$, $r = 6\%$
10. $I = \$236.25$, $P = \$750$, $r = 4.5\%$
11. $A = \$3587.50$, $P = \$3500$, $r = 5\%$
12. $A = \$2108.75$, $P = \$2000$, $r = 7.25\%$