Find each percent of change. Round to the nearest whole percent if necessary. State whether the percent of change is an *increase* or *decrease*.

1. original: 35  
   new: 70

2. original: 8  
   new: 12

3. original: 45  
   new: 30

4. original: $350  
   new: $400

5. original: $75  
   new: $60

6. original: 250  
   new: 100

Find the cost to the nearest cent.

7. $49.95 CD player; 5% tax

8. $69 shoes; 6% tax

9. $37 dinner; 15% tip

10. $2.99 socks; 5.5% markup

11. $325 tent; 15% discount

12. $80 boots; 25% discount

13. $45.50 book; 30% discount

14. $52 tie; 50% discount
Find the simple interest earned to the nearest cent for each principal, interest rate, and time.

15. $500, 4%, 2 years  

16. $350, 6.2%, 3 years  

17. $740, 3.25%, 2 years  

18. $725, 4.3%, $\frac{3}{2}$ years  

19. When Ricardo was 9 years old, he was 56 inches tall. Ricardo is now 12 years old and he is 62 inches tall. Find the percent of increase in Ricardo's height to the nearest tenth.

20. Madeline took 3 friends out for dinner. The cost of the meals was $46.50. She left a 20% tip. What was the total cost including the tip?

21. Malachi bought a new fishing rod. The regular price of the fishing rod was $125.99. He bought it on sale with a 15% discount. Sales tax of 3% is applied to the discounted total. What was the sale price with tax of Malachi's fishing rod to the nearest cent?

22. Raj won $900,000 in a regional lottery. After paying $350,000 in taxes, he invested the remaining money in a savings account at 4.25% simple interest. How much money is in the account if Raj makes no deposits or withdrawals for two years?