

3-7**Practice*****Percent of Change***

State whether each percent of change is a percent of increase or a percent of decrease. Then find each percent of change. Round to the nearest whole percent.

1. original: 18
new: 10

2. original: 140
new: 160

3. original: 200
new: 320

4. original: 10
new: 25

5. original: 76
new: 60

6. original: 128
new: 120

7. original: 15
new: 35.5

8. original: 98.6
new: 64

9. original: 58.8
new: 65.7

Find the total price of each item.

10. concrete blocks: \$95.00
tax: 6%

11. crib: \$240.00
tax: 6.5%

12. jacket: \$125.00
tax: 5.5%

13. class ring: \$325.00
tax: 6%

14. blanket: \$24.99
tax: 7%

15. kite: \$18.90
tax: 5%

Find the discounted price of each item.

16. dry cleaning: \$25.00
discount: 15%

17. computer game: \$49.99
discount: 25%

18. luggage: \$185.00
discount: 30%

19. stationery: \$12.95
discount: 10%

20. prescription glasses: \$149
discount: 20%

21. pair of shorts: \$24.99
discount: 45%

Find the final price of each item.

22. television: \$375.00
discount: 25%
tax: 6%

23. DVD player: \$269.00
discount: 20%
tax: 7%

24. printer: \$255.00
discount: 30%
tax: 5.5%

25. INVESTMENTS The price per share of an internet-related stock decreased from \$90 per share to \$36 per share early in 2001. By what percent did the price of the stock decrease?

26. HEATING COSTS Customers of a utility company received notices in their monthly bills that heating costs for the average customer had increased 125% over last year because of an unusually severe winter. In January of last year, the Garcia's paid \$120 for heating. What should they expect to pay this January if their bill increased by 125%?