Practice

Estimate each sum.

1. 71
    68
    + 43

2. 5.67
    9.01
    + 5.55

3. 4500
    2341
    + 6798

4. 556
    678
    719
    + 443

5. 12.5
    23.5
    46.7
    + 67.6

6. 34 890
    62 000
    79 111
    + 11 233

7. $567 + 891 + 402 + 103$

8. $5678 + 2005 + 5670 + 9812$

Estimate each difference.

9. 872
    − 235

10. 36.78
    − 15.67

11. 591
    − 401

12. 34 567
    − 22 314

13. 56 788
    − 18 979

14. 7.89
    − 4.71

15. $2356 − 986$

16. $45.7 − 9.72$

Problems and Applications

The following are receipts from a grocery store. Estimate each total mentally. State whether you think you have made an overestimate (more than the total) or an underestimate (less than the total).

17. $6.78
    1.33
    7.89

18. $8.95
    4.66
    0.87

19. $7.02
    3.33
    0.98

20. $2.06
    5.61
    1.81

21. $6.78
    3.15
    6.49
    2.61

22. $5.79
    4.48
    0.88
    9.22

23. On Saturday morning, Elise sold 145 tapes, 113 CDs, and 87 videos. Estimate the total number of items sold that morning.

24. When Maria started her vacation, the odometer on her car read

    26847.8

When she returned, the odometer showed

    30384.4

Approximately how far did Maria drive?

25. Estimate the difference between the number of student textbooks in your classroom and the number of students in the class.

26. Estimate the total amount of time the students in your class spend on homework on the weekend.

27. a) Estimate the number of students in each grade in your school.
    b) Estimate the total number of students in your school.
    c) Compare your estimate with your classmates'. Describe how you obtained your estimate.

28. You have $200 to spend on clothes. You want the following items. The prices listed include all taxes.

Item	Price
Sneakers	$75
Sweat shirt	$56
Jeans	$43
Jacket	$92

Estimate whether you can afford all the items. If not, what is the least expensive item you can leave out to afford the other three? Explain your reasoning.