

Estimating Decimals

Round the decimal to the nearest one.

1. 6.8 _____
2. 56.312 _____
3. 9.62 _____
4. 5.3735 _____

Round to the nearest one to estimate the sum or difference.

5. $4.93 + 4.72$
 - a. 10
 - b. 10.1
 - c. 10.15
 - d. 11
6. $72.4 - 21.7$
 - a. 52
 - b. 51
 - c. 50
 - d. 49
7. $7.35 - 1.20$
8. $25.67 + 221.9$
9. Juliette wants to buy a vest for \$16.15 and a CD for \$18.72. By rounding the cost of each item to the nearest dollar, estimate how much money Juliette will need.
 - a. \$33
 - b. \$35
 - c. \$39
 - d. \$29

Round to the nearest one to estimate the sum.

10. $8.43 + 4.84 + 3.72$
11. $1.25 + 2.46 + 5.39$
12. $7.92 + 3.62 + 5.21$

13. Three beams measuring 6.38 meters, 4.81 meters, and 8.33 meters are laid end to end in a straight line. Estimate the combined length of the three beams by rounding each length to the nearest one.

Estimate the change you will receive and tell whether the estimate is *high* or *low*. Explain.

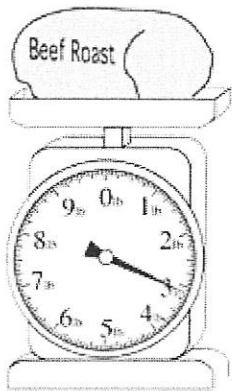
14. You buy a shirt for \$14.83. You give the clerk \$20.00.
15. You buy a snack for \$2.39. You give the cashier \$10.00.
16. Elena puts 62 cents in a piggy bank every Friday. ESTIMATE how much Elena saves in 52 weeks.
17. Use compatible numbers to estimate 12.32×26.235
18. Use compatible numbers to estimate $56.233 \div 6.998$
19. Use compatible numbers to estimate $30.914 \div 5.33$.
20. Use compatible numbers to estimate $16.898 \div 4.97$.
21. Use compatible numbers to estimate $79.53 \div 8.32$.
22. Use compatible numbers to estimate 65.32×32.1 .
23. Use compatible numbers to estimate 9.89×5.04 .
24. Use compatible numbers to estimate 25.321×52.33 .
25. Use compatible numbers to estimate 85.561×62.12 .

Name: _____

26. Kyra had three summer jobs. She was a gardener for 42 hours, a waitress for 21 hours, and a tutor for 68 hours. Use front-end estimation to find Kyra's total summer earnings.

Job	Earnings per Hour
Gardener	\$6.80
Waitress	\$4.95
Tutor	\$11.95

27. A roast beef sells for \$3.89 a pound. Marco bought the roast shown on the scale below.



ESTIMATE how many dollars Marco paid for the roast.

28. Four bags of potatoes weigh 3.35 pounds, 4.894 pounds, 5.6 pounds, and 4.95 pounds. What is the total weight of the bags?