

Need Help? Go to...

Skill 6: Subtracting
Decimals, p. SK7

Subtracting Decimals

Aligning the Decimals When you are subtracting decimals, write the subtraction problem in vertical form. Be sure to line up the decimal points. Write a decimal point in the answer directly below the decimal points in the problem. Then subtract as you would with whole numbers.

EXAMPLE 1

Subtract $85.29 - 34.72$.

Step 1: Line up decimals.

$$\begin{array}{r} 85.29 \\ 34.72 \end{array}$$

Step 2: Subtract.

$$\begin{array}{r} 85.29 \\ - 34.72 \\ \hline 50.57 \end{array}$$

Writing Zeros as Place Holders When subtracting amounts with different numbers of decimal places, you may want to write zeros in the empty decimal places. Put a decimal point in any whole number included in the problem.

EXAMPLE 2

Subtract $838.5 - 39.248$.

Step 1: Put in zeros.

$$838.500$$

Step 2: Subtract.

$$\begin{array}{r} 838.500 \\ - 39.248 \\ \hline 799.252 \end{array}$$

✓ Concept CHECK

Complete the problems. Check your answers in the back of the book.

1. $87.86 - 34.25 =$

2. $125.9 - 87.6 =$

3. $675.4 - 65.32 =$

4. $76.76 - 8 =$

Practice

5.
$$\begin{array}{r} 94.7 \\ - 31.4 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 98.6 \\ - 88.5 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 19.87 \\ - 8.54 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 7.93 \\ - 2.03 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 49.64 \\ - 10.34 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 96.13 \\ - 12.37 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 38.065 \\ - 33.426 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 68.111 \\ - 9.648 \\ \hline \end{array}$$

13. $\begin{array}{r} \$99.85 \\ - 32.16 \\ \hline \end{array}$ 14. $\begin{array}{r} \$75.67 \\ - 28.30 \\ \hline \end{array}$ 15. $\begin{array}{r} \$953.22 \\ - 287.32 \\ \hline \end{array}$ 16. $\begin{array}{r} \$506.37 \\ - 243.70 \\ \hline \end{array}$

17. $\begin{array}{r} \$347. \\ - 82.97 \\ \hline \end{array}$ 18. $\begin{array}{r} \$275. \\ - 85.12 \\ \hline \end{array}$ 19. $\begin{array}{r} \$55,553.65 \\ - 38,872.58 \\ \hline \end{array}$ 20. $\begin{array}{r} \$47,005.45 \\ - 3,257.64 \\ \hline \end{array}$

21. $335.4 - 217.9$

22. $148.1 - 132.5$

23. $5.21 - 0.71$

24. $\$434.66 - \51.43

25. $\$3,479.31 - \$2,616.16$

26. $\$6,000 - \$4,333.83$

27. You work as a cashier in a restaurant. Compute the correct change for each of the following orders.

	Customer's Order	Customer Gives You	Change
a.	\$ 6.94	\$ 7.00	
b.	9.12	10.00	
c.	16.97	17.00	
d.	3.42	5.42	
e.	5.01	5.01	
f.	23.11	25.00	
g.	41.97	42.07	
h.	27.42	30.00	
i.	20.13	21.13	
j.	150.84	151.00	

28. The marketing department for Jackson Sporting Goods Company prepared a comparison sheet that shows sales projections and actual sales for ten products. Find the difference between the projected sales and the actual sales by subtracting actual sales from projected sales.

Jackson Sporting Goods Company				
	Product	Sales Projections	Actual Sales	Difference
a.	Electric motors	\$ 3,000.00	\$ 2,749.67	
b.	Fishing tackle	32,000.00	31,897.40	
c.	Wilderness boots	6,500.00	5,607.15	
d.	Boat moccasin	950.00	571.28	
e.	Campware sets	400.00	339.67	
f.	Geodesic dome tent	6,400.00	5,379.58	
g.	Backpacking tent	2,500.00	1,999.40	