

Name \_\_\_\_\_

**Subtract Dollars and Cents****Essential Question** How can you find differences between decimal amounts in dollars and cents?**UNLOCK the Problem** REAL WORLD

Sandi wanted to buy a new coat online. She figured out that the cost of the coat, with shipping, would be \$84.24. The next week, Sandi bought the same coat in a local store on sale for a total of \$52.47. How much did Sandi save by buying the coat on sale?

- Underline the information you need to solve the problem.
- What operation can you use to find the difference between the two prices?

You subtract money amounts in the same way as you subtract whole numbers.

**Use place value.**

Subtract.  $\$84.24 - \$52.47$

Use the decimal point to line up the digits. Work from right to left. Check each place to see if you need to regroup to subtract.

**STEP 1**

Regroup 2 dimes and 4 pennies as 1 dime and 14 pennies. Subtract the pennies.

$$\begin{array}{r} \phantom{0}114 \\ \$84.\underline{24} \\ - \$52.47 \\ \hline \phantom{0}7 \end{array}$$

**STEP 2**

Regroup 4 dollars and 1 dime as 3 dollars and 11 dimes. Subtract the dimes.

$$\begin{array}{r} \phantom{0}11 \\ 3\phantom{0}114 \\ \$84.\underline{24} \\ - \$52.47 \\ \hline \phantom{0}77 \end{array}$$

**STEPS 3 and 4**

Subtract the ones. Subtract the tens.

$$\begin{array}{r} \phantom{0}11 \\ 3\phantom{0}114 \\ \$84.\underline{24} \\ - \$52.47 \\ \hline 3177 \end{array}$$

**STEP 5**

Insert the decimal point and dollar sign.

$$\begin{array}{r} \phantom{0}11 \\ 3\phantom{0}114 \\ \$84.\underline{24} \\ - \$52.47 \\ \hline \$31.77 \end{array}$$

So, Sandi saved \$31.77.

**Math Talk**

Explain how you know in which places to regroup to subtract.

## Share and Show



1. Find the difference. Regroup as needed.

$$\begin{array}{r} \$ 7.14 \\ - \$ 4.38 \\ \hline \end{array}$$

Find the difference.

$$\begin{array}{r} 2. \quad \$ 5.89 \\ - \$ 3.16 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad \$ 30.07 \\ - \$ 11.32 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad \$ 60.00 \\ - \$ 42.75 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad \$ 99.08 \\ - \$ 91.36 \\ \hline \end{array}$$

## On Your Own

Find the difference.

$$\begin{array}{r} 6. \quad \$ 9.08 \\ - \$ 7.26 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad \$ 73.45 \\ - \$ 12.13 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad \$ 90.00 \\ - \$ 42.17 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad \$ 80.03 \\ - \$ 49.53 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad \$ 15.36 \\ - \$ 2.73 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad \$ 84.00 \\ - \$ 27.85 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad \$ 74.19 \\ - \$ 8.46 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad \$ 79.62 \\ - \$ 23.58 \\ \hline \end{array}$$

## Problem Solving



14. Bert earned \$78.70 last week. This week he earned \$93.00. How much more did he earn this week than last week?

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