

Problem Solving: Multiple-Step Problems

Kim has a \$10 bill, a \$20 bill, and 2 \$5 gift certificates. She uses the gift certificates toward the purchase of a CD for \$14.00. How much money does Kim have left after buying the CD?

Read and Understand

What do you know?

Kim has a ten-dollar bill, a twenty-dollar bill, and two five-dollar gift certificates.

She uses the 2 certificates toward the purchase of a CD that costs \$14.00.

What are you trying to find?

How much money does Kim have left after she buys the CD?

Plan and Solve

Answer these hidden questions.

How much money does Kim have?

$$\$20.00 + \$10.00 = \$30.00$$

How much are the two certificates worth?

$$\$5.00 + \$5.00 = \$10.00$$

How much cash will Kim need to buy the CD?

$$\$14.00 - \$10.00 = \$4.00$$

Solve the problem.

$$\begin{aligned} \text{Money} - \text{cash paid for CD} &= \text{Money left} \\ \$30.00 - \$4.00 &= \$26.00 \end{aligned}$$

Write the answer in a complete sentence.

Kim has \$26 left after buying the CD.

Look Back and Check

Is your answer correct?

$$\text{Yes, } \$4.00 + \$26.00 = \$30.00$$

1. You can also find how much money Kim has left by completing the following expression.

$$\$10.00 + \$20.00 + \$5.00 + \$5.00 - \underline{\hspace{2cm}}$$