

## Lesson 5-7

## Problem

**BANKING** During May, Christine deposited \$230 in her checking account, then wrote two checks, one for \$155 and another for \$86. After making another deposit of \$144, her balance was \$525. Christine's account does not pay interest. What was her balance at the beginning of May?

## Solve the Problem

$$\begin{array}{ccccccccc} \blacksquare & + & 230 & - & 155 & - & 86 & + & 144 & = & 525 \\ \boxed{\text{beginning}} & & \boxed{\text{deposit}} & & \boxed{\text{check}} & & \boxed{\text{check}} & & \boxed{\text{deposit}} & & \boxed{\text{ending}} \\ \boxed{\text{balance}} & & & & & & & & & & \boxed{\text{balance}} \end{array}$$

The diagram shows the steps and operations leading to the \$525 ending balance. To solve, work backwards from \$525.

Start with the ending balance.	525
Subtract the second deposit.	<u>- 144</u>
	381
Add the second check.	<u>+ 86</u>
	467
Add the first check.	<u>+ 155</u>
	622
Subtract the first deposit.	<u>- 230</u>
	392

At the beginning of May, Christine's checking account balance was \$392.