

Problem Solving: Draw a Picture and Write an Equation

Tico spent \$37.51 at the computer store. Now he has \$29.86 left. How much did Tico have before he went to the computer store?

What do you know?	Tico has \$29.86 now. He spent \$37.51
What do you need to find out?	How much Tico had before. b = how much Tico had before
1. Assign a variable.	
2. Draw a picture.	$\begin{array}{ c c } \hline & b \\ \hline \$29.86 & \$37.51 \\ \hline \end{array}$
3. Write and solve an equation.	$\$29.86 + \$37.51 = b$ $\$67.37 = b$
4. Answer the question.	Tico had \$67.37 before he went to the store.

Draw a picture and write an equation to solve each problem.

1. Gina's book has 349 fewer pages than Terri's. If Gina's book has 597 pages, how many pages does Terri's book have?

2. Peter played a video game. Before dinner, he had collected 24,729 gold coins. At the end of the game he had collected 97,304 gold coins. How many coins did he collect after dinner?

3. SaveMart can store 840 cases of canned food in the big warehouse. This is 394 cases more than the number that can be displayed on the shelves. How many cases can be displayed?