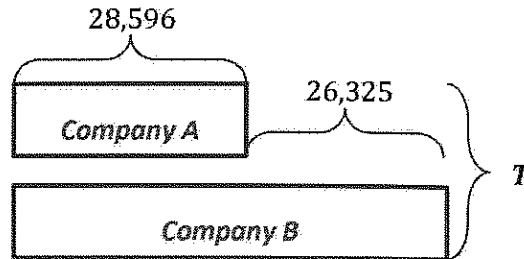


G4-M1-Lesson 19

1. Using the diagram below, create your own word problem. Solve for the value of the variable,  $T$ .

There are 28,596 people who work for Company A. There are 26,325 more people who work for Company B than Company A. How many people work for the two companies in all?



After analyzing the tape diagram, I create a context for a word problem and fill in the blanks. I write "how many in all" because the total,  $T$ , is unknown.

$Company\ B = 28,596 + 26,325$

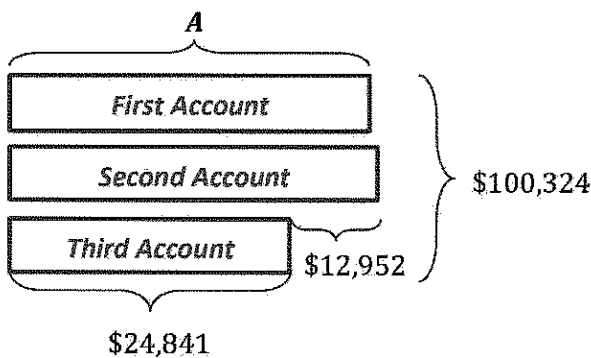
$$\begin{array}{r} 28,596 \\ + 26,325 \\ \hline 54,921 \end{array}$$

$T = Company\ A + Company\ B$

$$\begin{array}{r} 28,596 \\ + 26,325 \\ \hline 54,921 \end{array}$$

83,517 people work for the two companies in all.

2. Use the following tape diagram to create a word problem. Solve for the value of the variable,  $A$ .



I analyze the tape diagram. I find a context, and write a word problem based on what is known and what is unknown. I label the parts.

Mr. W had 3 bank accounts with a total balance of \$100,324. He had \$24,841 in his third account and \$12,952 more in his second account than in his third account. What was the balance of Mr. W's first account?

$$\begin{array}{r} 12,952 \\ + 24,841 \\ \hline 37,793 \end{array}$$

$$\begin{array}{r} 37,793 \\ + 24,841 \\ \hline 62,634 \end{array}$$

$$\begin{array}{r} 100,324 \\ - 62,634 \\ \hline 37,690 \end{array}$$

Mr. W's first account had a balance of \$37,690.