

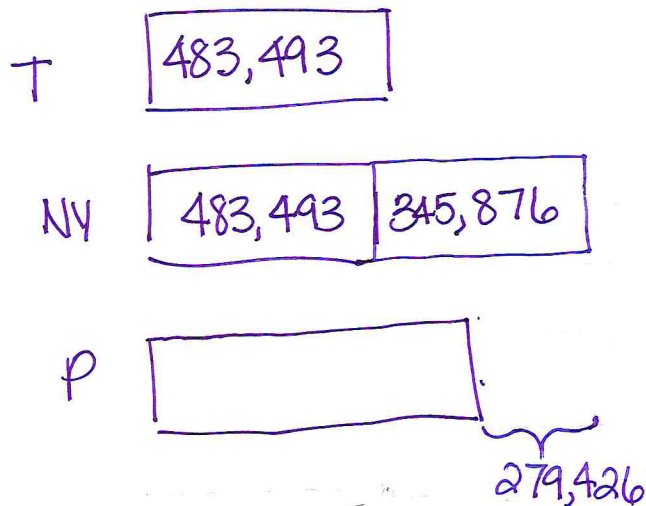
Eureka Math Grade 4 End of Module 1 **REVIEW** Assessment Task

3. Tallahassee, FL, has a population of 483,493. New York, NY, has 345,876 more people than Tallahassee. Phoenix, AZ has 279,426 less people than New York.

- a. What is the total population of all three cities? Draw a tape diagram to model the word problem. Then, solve the problem.

Tape Diagram

Solve



<u>NY</u> 483,493 + 345,876 <hr style="border: none; border-top: 1px solid black; margin: 2px 0;"/> 829,369	<u>P</u> 7118 829,369 - 279,426 <hr style="border: none; border-top: 1px solid black; margin: 2px 0;"/> 549,943
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Total
(all 3 cities)

$$\begin{array}{r}
 483,493 \\
 829,369 \\
 549,943 \\
 \hline
 1,862,808
 \end{array}$$

- b. Round to the nearest hundred thousand to check the reasonableness of your answer for the population of Phoenix, AZ.

Actual

$$\begin{array}{r}
 829,369 \approx 800,000 \\
 - 279,426 \approx 300,000 \\
 \hline
 549,943 \approx 500,000
 \end{array}$$

My answer is reasonable because $549,943 \approx 500,000$.

- c. Record each city's population in numbers, in words, and in expanded form.