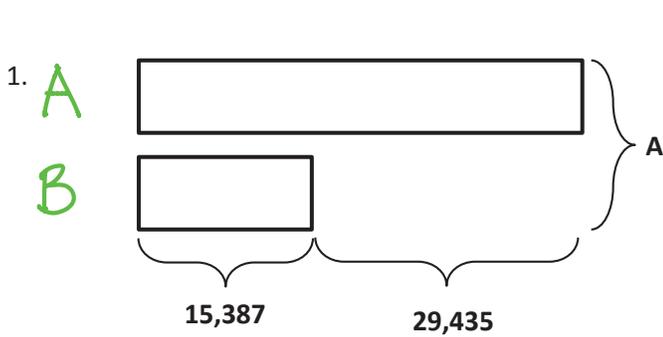Name _____   Date _____

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

1. A

B

15,387   29,435

Ⓐ   29,435
  + 15,387
   44,822

TOTAL   44,822
      + 15,387
       60,209

City A has a population of 29,435 more people than City B. City B has a population of 15,387 people. What is the total population of the two cities?

The total population is 60,209 people.

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2. Using the equation below, draw a tape diagram and create your own word problem. Solve for the value of the variable.

$$248,798 = 113,205 + A + 99,937$$

A

A

B

113,205

C
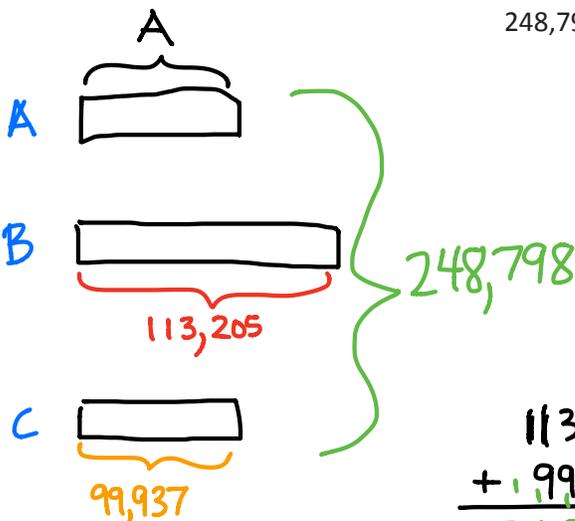
99,937

248,798

In total, Alice, Barbara, and Carol have $248,798. Barbara has $113,205 and Carol has $99,937. How much money does Alice have?

113,205
+ 99,937
213,142

248,798
− 213,142
35,656

Alice has $35,656