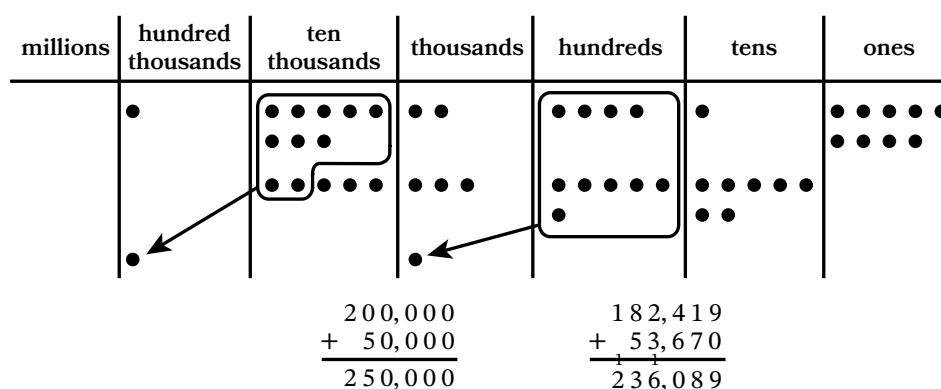


FAMILY MATH

Multi-Digit Whole Number Addition and Subtraction

Dear Family,

Your student is learning to add and subtract numbers within 1,000,000 by using the standard algorithm. They begin by using concrete place value disks and drawings on the place value chart. The place value chart helps your student make sense of when they must rename units when adding or subtracting. Your student uses rounding to estimate to check whether their answer is reasonable. They also solve word problems by using the Read-Draw-Write process to practice adding and subtracting. They use tape diagrams to represent and make sense of the problems and write equations with a letter for the unknown.



The place value chart shows renaming 10 hundreds as 1 thousand and 10 ten thousands as 1 hundred thousand.

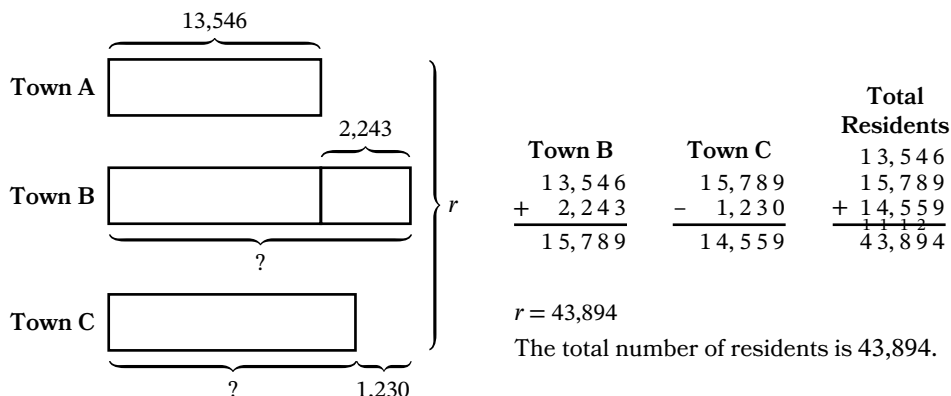
Rounding and estimating before adding shows that the answer of 236,089 is reasonable.

Town A has 13,546 residents.

Town B has 2,243 more residents than Town A.

Town C has 1,230 fewer residents than Town B.

What is the total number of residents in all three towns?



At-Home Activity

Large Number Fun

Explore adding and subtracting with large numbers related to topics that your student finds interesting. Encourage rounding, estimating, determining reasonableness, and checking subtraction problems with addition. Consider using the following example topics.

- Gather information such as the number of average visitors per year at your student's favorite amusement parks or other attractions. You can also create your own information such as Adventure Park had 745,691 visitors this year and Discovery Park had 667,345 visitors. Ask your student questions such as, "How many more people visited Adventure Park than Discovery Park this year?"
- Gather information about the weights of large animals. For example, a crocodile weighs 1,098 pounds, an elephant weighs 10,648 pounds, a shark weighs 2,562 pounds, and a bear weighs 1,332 pounds. Ask your student questions such as, "What is the combined weight of the shark and bear?"