

G4-M1-Lesson 9

1. Round to the nearest thousand.

a. $7,598 \approx \underline{8,000}$

b. $301,409 \approx \underline{301,000}$

c. Explain how you found your answer for Part (b).

I remember from Lesson 7 how to round to the nearest thousand.

There are 301 thousands in 301,409. One more thousand is 302 thousands. Halfway between 301 thousands and 302 thousands is 301 thousands 5 hundreds. 301,409 is less than 301,500. Therefore, 301,409 rounded to the nearest thousand is 301,000.

2. Round to the nearest ten thousand.

a. $73,999 \approx \underline{70,000}$

b. $65,002 \approx \underline{70,000}$

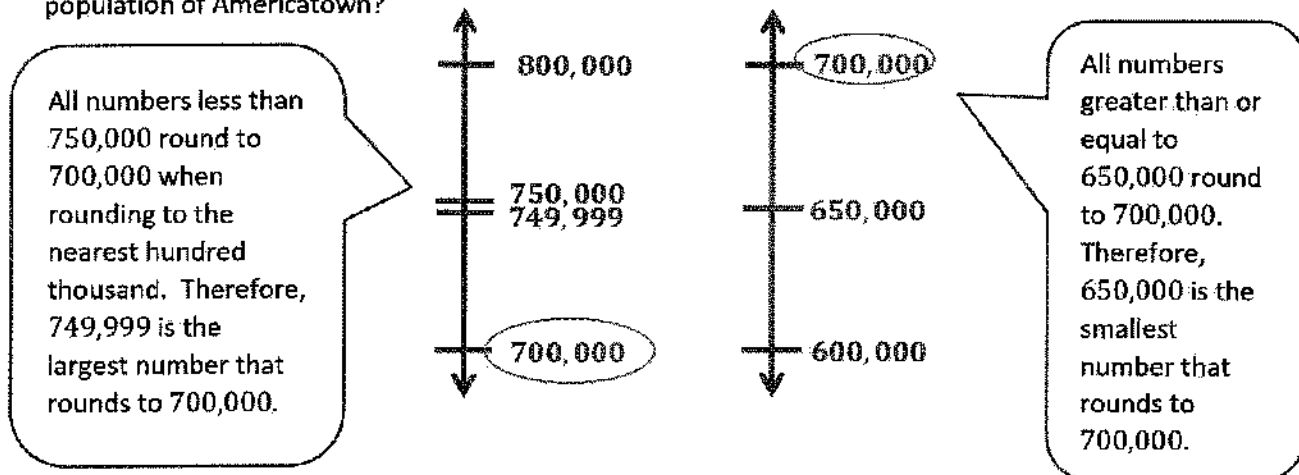
c. Explain why the two problems have the same answer. Write another number that has the same answer when rounded to the nearest ten thousand.

I may need to draw a number line to verify my answer.

Any number equal to or greater than 65,000 and less than 75,000 will round to 70,000 when rounded to the nearest ten thousand. 65,002 is greater than 65,000, and 73,999 is less than 75,000. Another number that would round to 70,000 is 68,234.

Solve the following problems using pictures, numbers, or words.

3. About 700,000 people make up the population of Americatown. If the population was rounded to the nearest hundred thousand, what could be the greatest and least number of people who make up the population of Americatown?



The greatest number of people that could make up the population is 749,999. I know because it is 1 fewer than 750,000. The least number of people that could make up the population is 650,000.