1. Round to the nearest thousand.

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

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

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

   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.

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

2. Round to the nearest ten thousand.

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

   b. $65{,}002 \approx$ **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.

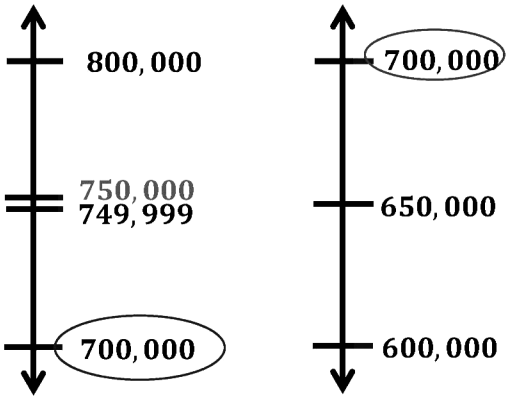
   Any number equal to or greater than 65, 000 and less than 75, 000 will round to 70, 000 when rounded to the nearest ten thousand. 65, 002 is greater than 65, 000 and 73, 999 is less than 75, 000. Another number that would round to 70, 000 is 68, 234.

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

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?

All numbers less than 750,000 round to 700,000 when rounding to the nearest hundred thousand. Therefore, 749,999 is the largest number that rounds to 700,000.



All numbers greater than or equal to 650,000 round to 700,000. Therefore, 650,000 is the smallest number that rounds to 700,000.

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 $650,000$.

Name _____ Date _____

1. Round to the nearest thousand.

   a. 6,842 ≈ _____

   b. 2,722 ≈ _____

   c. 16,051 ≈ _____

   d. 706,421 ≈ _____

   e. Explain how you found your answer for Part (d).

2. Round to the nearest ten thousand.

   a. 88,999 ≈ _____

   b. 85,001 ≈ _____

   c. 789,091 ≈ _____

   d. 905,154 ≈ _____

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

3. Round to the nearest hundred thousand.

   a. 89,659 ≈ _____

   b. 751,447 ≈ _____

   c. 617,889 ≈ _____

   d. 817,245 ≈ _____

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

4. Solve the following problems using pictures, numbers, or words.
   a. At President Obama's inauguration in 2013, the newspaper headlines stated there were about 800,000 people in attendance. If the newspaper rounded to the nearest hundred thousand, what is the largest number and smallest number of people who could have been there?

   b. At President Bush's inauguration in 2005, the newspaper headlines stated there were about 400,000 people in attendance. If the newspaper rounded to the nearest ten thousand, what is the largest number and smallest number of people who could have been there?

   c. At President Lincoln's inauguration in 1861, the newspaper headlines stated there were about 30,000 people in attendance. If the newspaper rounded to the nearest thousand, what is the largest number and smallest number of people who could have been there?