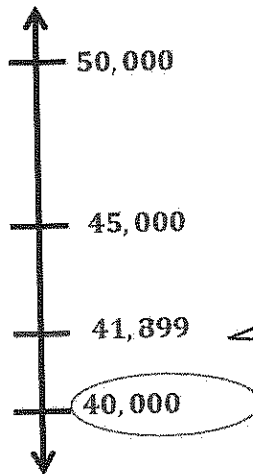# G4-M1-Lesson 8

1. Complete each statement by rounding the number to the given place value. Use the number line to show your work.

   a.   41,899 rounded to the nearest ten thousand is   40,000

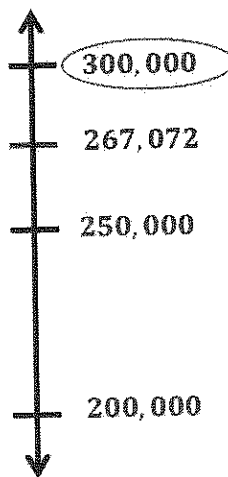   > I ask myself, "How many ten thousands in 41,899? What is 1 more ten thousand?"

   50,000

   45,000

   > I label 41,899 on the number line and notice it is less than 45,000.
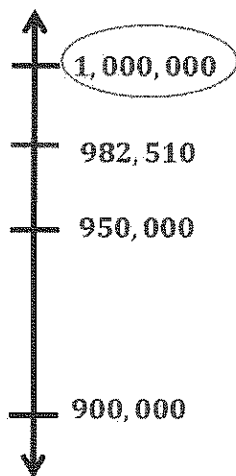
   41,899

   (40,000)

   b.   267,072 rounded to the nearest hundred thousand is   300,000

   > I know that there are 2 hundred thousands in 267,072. One more hundred thousand is 3 hundred thousands.

   (300,000)

   267,072

   250,000

   > Halfway between 200,000 and 300,000 is 250,000.

   200,000

EUREKA
MATH

2. 982,510 books were downloaded in one year. Round this number to the nearest hundred thousand to estimate how many books were downloaded in one year. Use a number line to show your work.

1,000,000

982,510

950,000

> There are 9 hundred thousands in 982,510. 1 more hundred thousand is 10 hundred thousands, or 1 million. I label my endpoints 900,000 and 1,000,000. Halfway is 950,000.

900,000

About 1 million books were downloaded in one year.

3. Estimate the difference by rounding each number to the given place value.

$$519,240 - 339,705$$

a. Round to the nearest hundred thousand.

$$500,000 - 300,000 = 200,000$$

b. Round to the nearest ten thousand.

$$520,000 - 340,000 = 180,000$$

> Thinking in unit language makes this subtraction easy: 520 thousands minus 340 thousands equals 180 thousands.