Unit 4, Lesson 14

Multiples of 10,000 and 100,000

Let's explore multiples of 1,000, 10,000, and 100,000 and how other numbers relate to them.

Activity 1

On Which Line Do They Belong?

Your teacher will assign a set of numbers to you.

A	140,261	100,025	486,840	676,850
B	450,099	414,500	128,201	379,900
C	158,002	42,326	99,982	428,950
D	194,030	658,340	541,700	621,035
E	215,300	499,600	608,720	644,700

1. Several number lines are posted around the room. Work with your group to decide on which number line each number should go.

   Then estimate the location of the number on the line, put a dot sticker to mark it, and label it with the number.

2. Look at the number line that represents 0 to 100,000 and has 2 points on it.

   a. Name 2 multiples of 10,000 that are closest to each point.

   b. Of the 2 multiples of 10,000 you named, which one is the nearest to each point?

Activity 2

Closer to Some Multiple

Use the number line that represents the numbers between 100,000 and 200,000 for this activity.

1. Name the multiple of 10,000 that is the nearest to each number. (Leave the last column blank for now.)

number	nearest multiple of 10,000	
100,025		
128,201		
140,261		
158,002		
194,030		

2. Here is the number line that shows 215,300. Which multiple of 100,000 is the nearest to 215,300?



3. Label the last column in the table "nearest multiple of 100,000." Then name the nearest multiple of 100,000 for each number in the table.