#### **Helping Hank**

#### **Your Challenge**

Hank is making a 120 chart. He has already placed 2 numbers. Hank now wants to place the following 10 numbers.

116 73 91 112 79 84 87 104 99 110

Write the 10 numbers on Hank's 120 chart to show where he should place them.

		<b>73</b>		~~~		~~~	~~~	<b>79</b>	
			84			87	88		
91								99	
			104	105					110
	112				116				

What strategy did you use to decide where to put 99? 73?

Answers will vary. Look for strategies that include moving by tens and ones, and that show understanding of patterns on the chart. For example, all the numbers in one column have the same digit in the ones place.



## Helping Hank

Hank found these pieces of the 120 chart, with only a few numbers filled in. Complete the pieces. Think about patterns you can use to help you.

		2								47		
		12								<b>57</b>		
		22	23					65	66	67	68	69
		32	33							77		
		<b>42</b>	43				7	7	9	87		
	_		53	_		87	'	8	9		_	
			63	9	96	97	98	9	9 10	0		
33		L	 1			10	7	10	)9			
43	44	45				11	7					
53			_				<u> </u>				1	67
63	64	65	66				<b>72</b>	73	74	75		77
73			1	1				83	84	85	86	87

#### Comparing Cards

### **Your Challenge**

Ellen and Joe are playing a game. They each add the numbers on their cards. The player with the greater total wins.

- 1. Add the numbers on the cards.
- 2. Write each total.
- **3.** Write <, >, or = in the circle to compare the totals.

Ellen Joe

3 9 1 5 2 8 2 6

Totals: \_\_\_\_\_

18 = 18

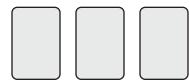
# Comparing Cards

Answers will vary. Check that totals match cards and inequalities match totals.

Fill in the blank cards and complete the comparison.

Ellen

Joe



Totals: \_\_\_\_\_

Make Ellen win by 1.

Ellen





Totals: \_\_\_\_\_

Joe



Make Joe win by 1.

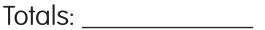
Ellen











Joe

