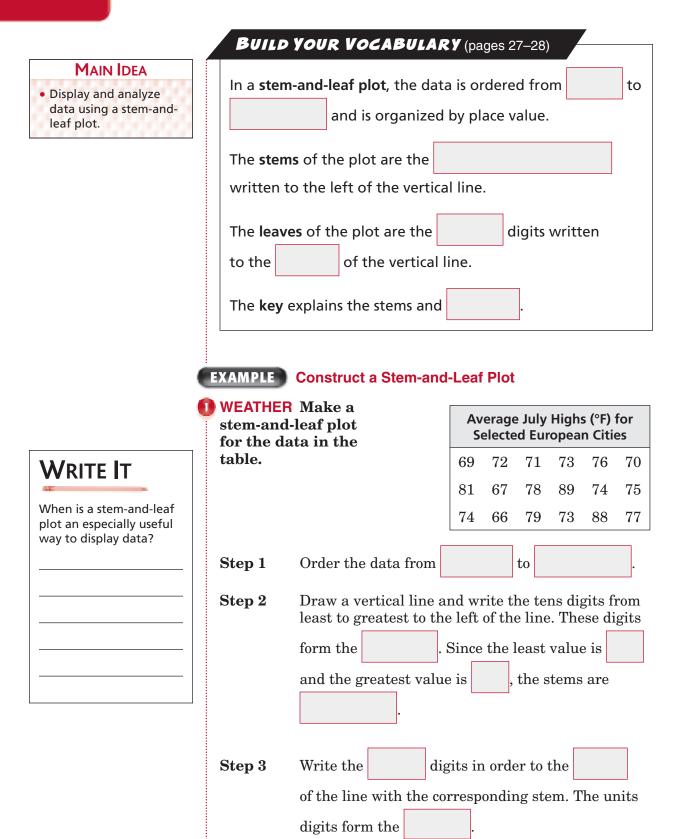
Stem-and-Leaf Plots

2-4



FOLDABLES ORGANIZE IT Under Lesson 2-4 in your

journal, explain how to construct a stem-and-leaf plot. Include an example using your own data. Label the parts of the plot.



leaves. **Average July Highs** Stem Leaf 6 6 $\mathbf{7}$ 9 7 $\mathbf{2}$ 0 1 3 3 4 4 5 6 $\overline{7}$ 8 9 8 1 7|8 = 788 9

Check Your Progress

Include a

DRIVING Make a stem-and-leaf plot for the data in the table.

Step 4

Speeds of Cars Driving on the Highway (miles per hour)											
65	72	69	58	81	66	61	74	78			
70	66	59	74	78	71	68	65	66			

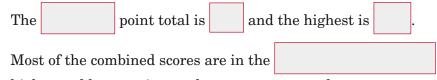
that explains the stems and

EXAMPLE Analyze Plots

FOOTBALL The following stem-and-leaf plot shows the total points scored in 39 recent Super Bowls. Write a few sentences analyzing the data.

Total points											
Stem	Leaf										
2	1	2	3	7	9					-	
3	0	1	3	7	7	7	8	9	9		
4	1	3	4	4	5	6	7	7	7		
5	0	2	3	4	5	6	6	9			
6	1	5	6	9							
7	5						5 3 = 53				

(continued on the next page)



higher and lower point totals are more unusual.

Check Your Progress HOTEL RATES The following

stem-and-leaf plot shows nightly hotel rates for a sample of hotels in a large metropolitan area. Write a few sentences that analyze the data.

Hotel Rates									
Stem									
6	2	4	8						
7	1	4	5	5	8	9			
8	3	3	4	6	7	9	9	9	
9	1	3	4	5	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$				

HOMEWORK ASSIGNMENT

Exercises:

2 - 4