

Reading and Interpreting Stem-and-Leaf Plots Answer Key

- 1) A popular food chain has many branches all over the city. The number of employees in each branch is listed below. Read and interpret the stem-and-leaf plot to answer the questions.

Stem	Leaf				
1	0	2	3	4	4
2	1	3	3	3	8
3	2	4	6	8	9

Key: $2 \mid 1 = \underline{\text{21 employees}}$

- a) How many branches have more than 30 employees? 5 branches
- b) Find the number of branches with exactly 23 employees. 3 branches
- c) How many branches have 14 employees? 2 branches

- 2) Joanna measures and lists the heights of plants in her garden. Read and interpret the stem-and-leaf plot to answer the questions.

Stem	Leaf					
0	1	3	4	5	7	8
2	2	2	4	4	6	
3	1	3	5			
4	0	6				

Key: $3 \mid 5 = \underline{\text{35 inches}}$

- a) How many plants have a height of less than 20 inches? 6 plants
- b) How many plants are in the garden? 16 plants
- c) Find the number of plants with a height of 22 inches. 2 plants