Name _____   Date _____
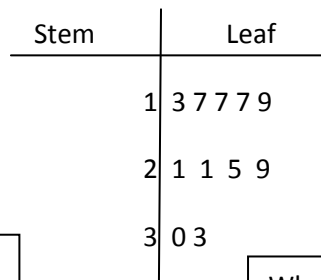
Taking Mom to a Mother's Day Dinner

Stem-and-Leaf Plot Interpretation

Directions: Interpret the following stem-and-leaf plots.

The following stem-and-leaf plot indicates how many students said they took their mother to eat at an Italian restaurant for Mother's Day.
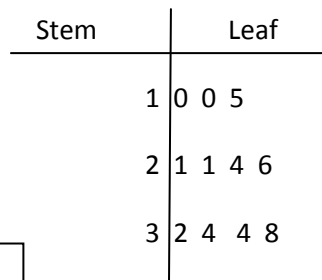
Stem	Leaf
1	3 7 7 7 9
2	1 1 5 9
3	0 3

What was the most frequent number of students that said they took their moms to an Italian Restaurant for Mother's Day? _____

What is the largest number of students that said they took their moms to an Italian Restaurant for Mother's Day? _____

The following stem-and-leaf plot demonstrates how many students in each class at Woodville Jr. High School said that they took their mom out for Mexican for Mother's Day.

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

How many classes had less than 24 students say they took their moms to a Mexican Restaurant for Mother's Day? _____

How many classes had exactly 34 students say they took their moms to a Mexican Restaurant for Mother's Day? _____
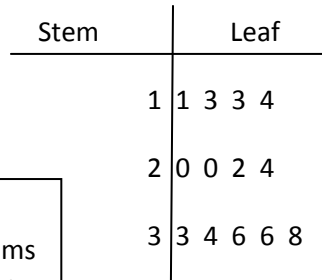
Name _____   Date _____

The following stem-and-leaf plot indicates how many students at Greenbrier Jr. High School said they took their mother to eat at a Chinese restaurant for Mother's Day.
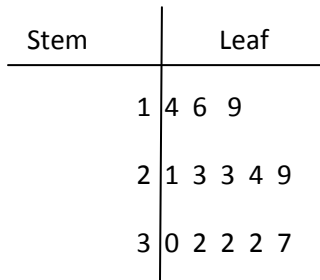
Stem	Leaf
1	1 3 3 4
2	0 0 2 4
3	3 4 6 6 8

How many classes had between 20 and 34 students that took their moms to a Chinese Restaurant for Mother's Day? _____

How many classes did more than 22 students say that they took their mom to a Chinese Restaurant? _____

The following stem-and-leaf plot indicates how many students at Ridgeway Jr. High School said that they took their moms to eat dinner at a Steak Restaurant for Mother's Day.

Stem	Leaf
1	4 6 9
2	1 3 3 4 9
3	0 2 2 2 7

How many classes did exactly 24 students say they took their mom to a Steak Restaurant for Mother's Day? _____

How many classes did less than 29 students say they took their mom to a Steak Restaurant for Mother's Day? _____

How many classes did more than 19 students say they took their mom to a Steak Restaurant for Mother's Day? _____

Name _____   Date _____

Taking Mom to a Mother's Day Dinner

Stem-and-Leaf Plot Interpretation Answer Key

Directions: Interpret the following stem-and-leaf plots.

The following stem-and-leaf plot indicates how many students said they took their mother to eat at an Italian restaurant for Mother's Day.

Stem	Leaf
1	3 7 7 7 9
2	1 1 5 9
3	0 3

What was the most frequent number of students that said they took their moms to an Italian Restaurant for Mother's Day? 17

What is the largest number of students that said they took their moms to an Italian Restaurant for Mother's Day? 33

The following stem-and-leaf plot demonstrates how many students in each class at Woodville Jr. High School said that they took their mom out for Mexican for Mother's Day.

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

How many classes had less than 24 students say they took their moms to a Mexican Restaurant for Mother's Day? 5

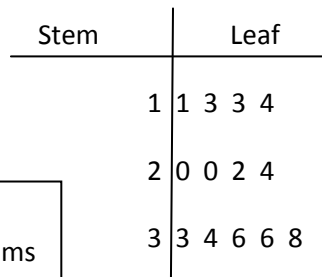How many classes had exactly 34 students say they took their moms to a Mexican Restaurant for Mother's Day? 2

Name _____   Date _____

The following stem-and-leaf plot indicates how many students at Greenbrier Jr. High School said they took their mother to eat at a Chinese restaurant for Mother's Day.
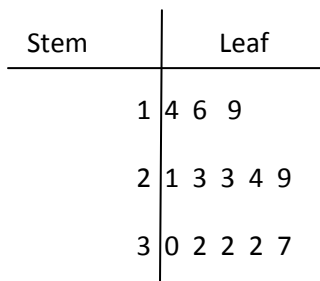
Stem	Leaf
1	1 3 3 4
2	0 0 2 4
3	3 4 6 6 8

How many classes had between 20 and 34 students that took their moms to a Chinese Restaurant for Mother's Day? 3

How many classes did more than 22 students say that they took their mom to a Chinese Restaurant? 6

The following stem-and-leaf plot indicates how many students at Ridgeway Jr. High School said that they took their moms to eat dinner at a Steak Restaurant for Mother's Day.

Stem	Leaf
1	4 6 9
2	1 3 3 4 9
3	0 2 2 2 7

How many classes did exactly 24 students say they took their mom to a Steak Restaurant for Mother's Day? 1

How many classes did less than 29 students say they took their mom to a Steak Restaurant for Mother's Day? 7

How many classes did more than 19 students say they took their mom to a Steak Restaurant for Mother's Day?
10