

#1

A yearly employee count is put into the chart below.
How many years were there 21 employees?

Yearly Employee Count

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

- 2 years 4 years
 1 years 3 years

Show your work

#2

While travelling Dylan made the chart below on the length of their various flights. What was the length of his longest flight?

Flight Length (hours)

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

hours

Show your work

#3

A store kept track of how many items each customer bought.
How many customers bought exactly 17 items?

Number of Items Bought

Stem	Leaf
1	0 6 7 9
2	2 7
3	1 1 5

customers

Show your work



#4

While travelling Dylan made the chart below on the length of their various flights. What was the length of his longest flight?

Flight Length (hours)

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

hours

Show your work

#5

An architecture student measured the height of all the buildings downtown. How many buildings are greater than 22 meters tall but less than 30 meters tall?

Building Heights (meters)

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

buildings

Show your work

#6

Madison measures the length of all of the boats at the harbour. How many boats were greater than 21, but less than 38 meters?

Boat Length (meters)

Stem	Leaf
2	2 4 6 8 8
3	4

boats

Show your work



#7

Olivia is looking for a cookie recipe and needs the one that makes the most. Using the data below, what is the most amount of cookies a batch can make?

Servings

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

- 34 cookies
- 43 cookies
- 36 cookies
- 51 cookies

Show your work

#8

Ryan the researcher went on an trip and measured randomly selected trees he saw in the forest. How tall was the tallest tree?

Tree Height (feet)

Stem	Leaf
1	7
2	2 3 8 9
3	6 8 9
4	4

feet

Show your work

#9

Jack made note of the age of all his friends. How old is his oldest friend?

Friend Ages

Stem	Leaf
1	7
2	0 1 5 9 9
3	0
4	7
5	4 5 7 7

- 57 years old
- 58 years old
- 59 years old
- 41 years old

Show your work

#10

Ava made a list of cities within driving distance from her own town. How far away is the farthest drivable city?

Driving Time (hours)

Stem	Leaf
1	1 1 6 6 6
2	7
3	3 8 8
4	6 9
5	2

- 52 hours 65 hours
 50 hours 61 hours

Show your work

#11

Benjamin is looking for a cookie recipe and needs the one that makes the most. Using the data below, what is the most amount of cookies a batch can make?

Servings

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

cookies

Show your work

#12

In the future robots shall do our bidding. In a survey a source asked people how many robots they had in their household. How many people had 39 robots?

Robots In Household

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

people

Show your work

Question	Answer
#1	choice 3
#2	50
#3	1
#4	50
#5	5
#6	6
#7	choice 2
#8	44
#9	choice 1
#10	choice 1
#11	56
#12	2