

Q1. Look at this stem and leaf plot of Quiz show scores.

Quiz show scores

Stem	Leaf
1	5 7
2	1
3	
4	3
5	1 8
6	1 7 8
7	7 8
8	7
9	0

How many people scored at least 14 points but fewer than 57 points?

Answer. \_\_\_\_\_

Q2. Look at this stem-and-leaf plot of push-up competition:

Push-up competition (number of push-ups)

Stem	Leaf
1	0 3
2	
3	9
4	2 8
5	4
6	1 7
7	2 8
8	1 8

What is the largest number of push-ups done?

Answer \_\_\_\_\_

Q3. How many total push-ups were done?

Answer \_\_\_\_\_

Q1. Look at this stem and leaf plot of Quiz show scores.

Quiz show scores

Stem	Leaf
1	5 7
2	1
3	
4	3
5	1 8
6	1 7 8
7	7 8
8	7
9	0

How many people scored at least 14 points but fewer than 57 points?

Answer. 4

Q2. Look at this stem-and-leaf plot of push-up competition:

Push-up competition (number of push-ups)

Stem	Leaf
1	0 3
2	
3	9
4	2 8
5	4
6	1 7
7	2 8
8	1 8

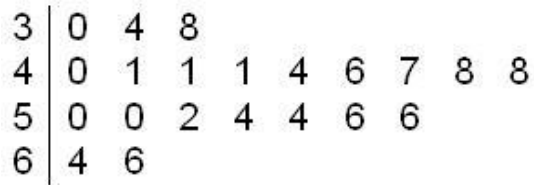
What is the largest number of push-ups done?

Answer 88

Q3. How many total push-ups were done?

Answer 653

Q1. Some students were asked to estimate the length of a piece of a string. The stem and leaf plot shows the estimates they gave.



3 | 8 represents 3.8 cm

- A. What estimate was made by highest number of students?
- B. How many estimates were made between 39 and 59

Answers

A. \_\_\_\_\_

B. \_\_\_\_\_

Q2. Write the stems that would be used to plot each set of data.

- A. 23, 45, 56, 12, 27, 56, 37
- B. 8, 11, 23, 37, 31, 42, 59
- C. 230, 456, 784, 245, 745, 357
- D. 4.5, 6.1, 5.8, 9.8, 4.1, 3.2

Answers

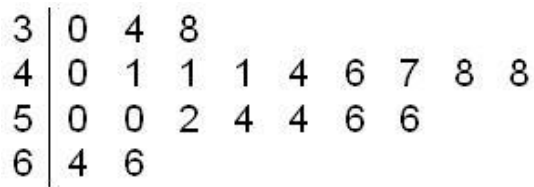
A. \_\_\_\_\_

B. \_\_\_\_\_

C. \_\_\_\_\_

D. \_\_\_\_\_

Q1. Some students were asked to estimate the length of a piece of a string. The stem and leaf plot shows the estimates they gave.



3 | 8 represents 3.8 cm

- A. What estimate was made by highest number of students?
- B. How many estimates were made between 39 and 59

Answer

A. 41

B. 16

Q2. Write the stems that would be used to plot each set of data.

- A. 23, 45, 56, 12, 27, 56, 37
- B. 8, 11, 23, 37, 31, 42, 59
- C. 230, 456, 784, 245, 745, 357
- D. 4.5, 6.1, 5.8, 9.8, 4.1, 3.2

Answers

A. 1, 2, 3, 4, 5

B. 0, 1, 2, 3, 4, 5

C. 2, 3, 4, 5, 6, 7

D. 3, 4, 5, 6, 7, 8, 8, 9

Q1. Look at this stem-and-leaf plot:

Track team sizes (number of members)

Stem	Leaf
2	2 4
3	4
4	0 6 9
5	4 6
6	3 9
7	7
8	5
9	0

A. How many teams have at least 50 members?

Answer. \_\_\_\_\_

B. What is the average track team size?

Answer. \_\_\_\_\_

Q2. Look at this stem-and-leaf plot:

Office sizes (square meters)

Stem	Leaf
3	0 3 4 6 6 7 7 7 9 9
4	6 6 6 6 8
5	4 6
6	3 4 4 7 8 9 9

A. How many offices are exactly 46 square meters?

Answer \_\_\_\_\_

B. How many offices lie between 33 & 57?

Answer \_\_\_\_\_

Q1. Look at this stem-and-leaf plot:

Track team sizes (number of members)

Stem	Leaf
2	2 4
3	4
4	0 6 9
5	4 6
6	3 9
7	7
8	5
9	0

A. How many teams have at least 50 members?

Answer. 7

B. What is the average track team size?

Answer. 54.5

Q2. Look at this stem-and-leaf plot:

Office sizes (square meters)

Stem	Leaf
3	0 3 4 6 6 7 7 7 9 9
4	6 6 6 6 8
5	4 6
6	3 4 4 7 8 9 9

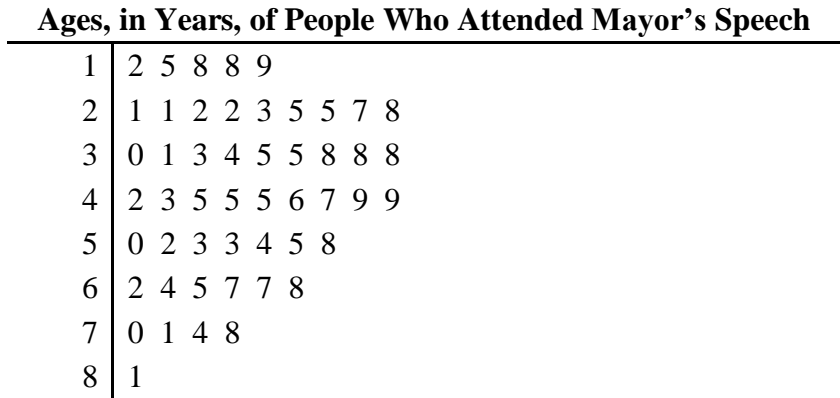
A. How many offices are exactly 46 square meters?

Answer 4

B. How many offices lie between 33 & 57?

Answer 15

The stem and leaf plot below shows the ages of people who attended the Mayor's speech.



Key: 2|4 means 24 years old

Q1. What is the total number of people younger than 30 years old who attended the speech?  
Choose the best answer and write in the blank below.

- a. 12                      b. 81                      c. 14                      d. 60

Answer \_\_\_\_\_

Q2. Which interval of age group contains least number of people?

Answer \_\_\_\_\_

Q3. How many people had ages from 25 to 40?

Answer \_\_\_\_\_

Q4. Which stems contain at least 7 people?

Answer \_\_\_\_\_

The stem and leaf plot below shows the ages of people who attended the Mayor's speech.

1	2 5 8 8 9
2	1 1 2 2 3 5 5 7 8
3	0 1 3 4 5 5 8 8 8
4	2 3 5 5 5 6 7 9 9
5	0 2 3 3 4 5 8
6	2 4 5 7 7 8
7	0 1 4 8
8	1

Key: 2|4 means 24 years old

Q1. What is the total number of people younger than 30 years old who attended the speech? Choose the best answer and write in the blank below.

- a. 12                      b. 81                      c. 14                      d. 60

Answer            c (14)

Q2. Which interval of age group contains least number of people?

Answer            80 to 89

Q3. How many people had ages from 25 to 40?

Answer            13

Q4. Which stems contain at least 7 people?

Answer            2, 3, 4, 5

Q. The stem and leaf plot below gives the truncated average weekly incomes (**in hundreds of Dollars**) of several families.

Stem	Leaf
1	9 9
2	1 5
3	1 1 3 4 9 9
4	0 2 9
5	5 5 8
6	1 2

A. What was the highest weekly income?

Answer \_\_\_\_\_

B. What was the lowest weekly income?

Answer \_\_\_\_\_

C. Find the difference between the highest and lowest weekly income.

Answer \_\_\_\_\_

<b>Key. 3   4 = \$340</b>
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D. How many families earn more than \$350 per week?

Answer \_\_\_\_\_

E. Sum up incomes of families with earning at least \$240 and below \$500.

Answer \_\_\_\_\_

F. How many families earn between \$300 and \$600?

Answer \_\_\_\_\_

G. If \$200 is considered a poverty line. What percentages of families have a poor earning?

Answer \_\_\_\_\_

Q. The stem and leaf plot below gives the truncated average weekly incomes (**in hundreds of Dollars**) of several families.

Stem	Leaf
1	9 9
2	1 5
3	1 1 3 4 9 9
4	0 2 9
5	5 5 8
6	1 2

A. What was the highest weekly income?

Answer \$620

B. What was the lowest weekly income?

Answer \$190

C. Find the difference between the highest and lowest weekly income.

Answer \$430

<b>Key. 3   4 = \$340</b>
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D. How many families earn more than \$350 per week?

Answer 8

E. Sum up incomes of families with earning at least \$240 and below \$500.

Answer \$3630

F. How many families earn between \$300 and \$600?

Answer 12

G. If \$200 is considered a poverty line. What percentages of families have a poor earning?

Answer 11%