

Stem-and-Leaf Diagrams

ANSWERS

1

Draw the stem and leaf diagram.
Find the median, mode and range.

26, 14, 32, 19, 14, 35, 21

1	4 4 9
2	1 6
3	2 5

Key: 1 | 4 means 14

Median 21 Mode 14

Range 35 - 14 = 21

2

Draw the stem and leaf diagram.
Find the median, mode and range.

43, 38, 51, 36, 47, 38, 55

3	6 8 8
4	3 7
5	1 5

Key: 3 | 6 means 36

Median 43 Mode 38

Range 55 - 36 = 19

3

Draw the stem and leaf diagram.
Find the median, mode and range.

12, 27, 19, 33, 24, 27, 15

1	2 5 9
2	4 7 7
3	3

Key: 1 | 2 means 12

Median 24 Mode 27

Range 33 - 12 = 21

4

Draw the stem and leaf diagram.
Find the median, mode and range.

52, 64, 47, 58, 71, 64, 49, 66, 55

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

Key: 4 | 7 means 47

Median 58 Mode 64

Range 71 - 47 = 24

5

Draw the stem and leaf diagram.
Find the median, mode and range.

31, 18, 25, 34, 18, 29, 22, 37, 16

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

Key: 1 | 6 means 16

Median 25 Mode 18

Range 37 - 16 = 21

6

Draw the stem and leaf diagram.
Find the median, mode and range.

65, 72, 58, 81, 60, 72, 53, 77, 69

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

Key: 5 | 3 means 53

Median 69 Mode 72

Range 81 - 53 = 28

7

The ages of 9 dancers. Draw the stem and leaf diagram. Find the median, mode and range.

34, 22, 41, 27, 38, 22, 45, 30, 26

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

Key: 2 | 2 means 22

Median 30 Mode 22

Range 45 - 22 = 23

8

Write down the numbers in this diagram, smallest first.

1	5 8
2	0 3 6
3	2 4

Key: 1 | 5 means 15

15	18	20	23
26	32	34	

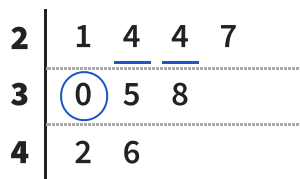
Stem-and-Leaf Diagrams *further practice*

ANSWERS

9



Find the median, mode and range.



Key: 2 | 1 means 21

Median 30 Mode 24

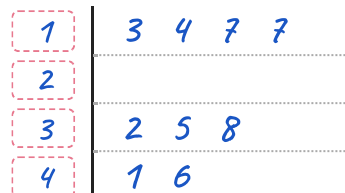
Range 46 - 21 = 25

10



Draw the stem and leaf diagram.
Find the median, mode and range.

14, 32, 17, 46, 38, 13, 41, 17, 35



Key: 1 | 3 means 13

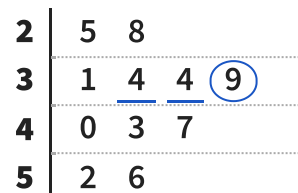
Median 32 Mode 17

Range 46 - 13 = 33

11



The diagram shows the ages of 11 people in a choir. Find the median, mode and range.



Key: 2 | 5 means 25

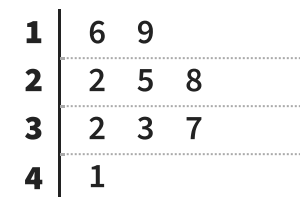
Median 39 Mode 34

Range 56 - 25 = 31

12



The diagram shows the marks of 9 students in a quiz.
How many students scored more than 30?



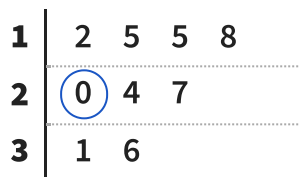
Key: 1 | 6 means 16 marks

4 students

13



The diagram shows how many minutes 9 people take to walk to school. Find the median and the range.



Key: 1 | 2 means 12 minutes

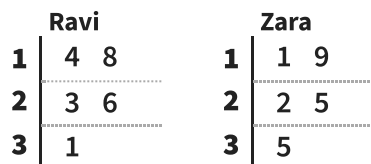
Median 20 minutes

Range 36 - 12 = 24 minutes

14



Ravi and Zara play five games.
Whose scores have the bigger range?



Key: 1 | 4 means 14

Ravi 31 - 14 = 17

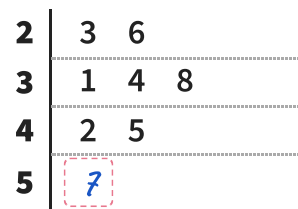
Zara 35 - 11 = 24

Answer Zara

15



One number is missing from the diagram. The range is 34.
What is the missing number?



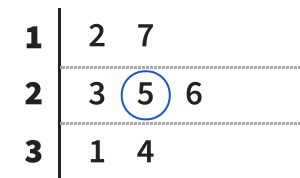
Key: 2 | 3 means 23

Missing number 57

16



Tom says the median is 5.
What has Tom done wrong?



Key: 1 | 2 means 12

Tom forgot to
join the stem and the leaf

Right median 25