

1.

Interpreting Stem-and-Leaf Plots

Age of Nico's Cousins

stem	leaf
0	8 9
1	3 6 7 9
2	4 6
3	0

Key: 1 | 3 = 13 years

How many cousins does Nico have in all?

2.

Interpreting Stem-and-Leaf Plots

Classmates' Heights

stem	leaf
4	7 8 9
5	1 1 3 6 8 9
6	0 1 3

Key: 4 | 8 = 48 inches

What is the most common value (mode)? Include a unit or label.



Preview

Please log in to download the printable version of this worksheet.

stem	leaf
6	8
7	2 8
8	0 4 5 7 7 8 9
9	0 2 2 3 6 8 8 9
10	0 0

Key: 6 | 8 = 68%

How many students scored higher than 87%?

stem	leaf
2	9
3	0 2 3 3 5 6 6 8 8 8
4	0 1 4 4 6 6 9
5	0 0

Key: 4 | 0 = 40 years

How many respondents have mothers between age 35 and 45?

5.

Interpreting Stem-and-Leaf Plots

Multiplication Facts Completed in 1 Minute

stem	leaf
1	5 9 9
2	0 2 2 4 8 9
3	2 5 7 8 8
4	0 3

Key: 3 | 2 = 32 facts

How many students total completed timed multiplication facts?

6.

Interpreting Stem-and-Leaf Plots

Pages Read Yesterday

stem	leaf
0	6 6 8
1	1 2 6 6
2	2 5 5 8
3	0 0 0 5
4	
5	6

Key: 1 | 2 = 12 pages

What is the most common value (mode)? Include a unit or label.



Preview

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stem	leaf
0	5 8
1	0 0 1 6 6 7
2	0 1 2

Key: 2 | 0 = 20 °F

How many days did the temperature reach below 15 °F?

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

Key: 1 | 6 = 16 students

How many classes have 20–30 students?

9.

Interpreting Stem-and-Leaf Plots

Book Report Grades

stem	leaf
6	8
7	
8	0 0 4 8 9
9	0 2 3 5 5 6 8
10	0 0 0 0

Key: 10 | 0 = 100%

How many book reports were graded in all?

10.

Interpreting Stem-and-Leaf Plots

Time to Run 100 m

stem	leaf
13	0 3 6 9 9
14	0 2 4 5 6 8
15	0 3 3 4
16	0

Key: 15 | 4 = 15.4 seconds

What are the most common values (modes)? Include a unit or label.



Preview

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

Key: 3 | 0 = 30th day

How many people were born on the 15th of the month or later?

stem	leaf
7	5 9
8	0 1 4 5 5 9
9	0 2 5 6 8 8
10	0

Key: 7 | 5 = 75%

How many students scored between 82% and 93%?

13.

Interpreting Stem-and-Leaf Plots

Daily High Temperature

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

Key: 6 | 2 = 62 °F

How many days are recorded in the table?

14.

Interpreting Stem-and-Leaf Plots

Minutes Spent Reading Last Night

stem	leaf
0	0 0
1	5 5 8
2	0 0 0 2 5 5
3	0 0 3 5 6
4	0 5 5

Key: 4 | 0 = 40 minutes

What is the most common value (mode)? Include a unit or label.



Preview

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stem	leaf
6	5
7	5 9
8	0 2 5 6 8 8 9 9
9	2 3 3 4 7 8 9 9

Key: 9 | 8 = 98%

How many students scored less than 85%?

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

Key: 3 | 2 = 32 minutes

How many people take between 15–20 minutes to get to school?

17.

Interpreting Stem-and-Leaf Plots

Father's Age	
stem	leaf
2	9
3	2 3 3 5 8
4	0 6 9
5	2

Key: 5 | 2 = 52 years

How many people were surveyed?

18.

Interpreting Stem-and-Leaf Plots

Friends' Heights	
stem	leaf
4	6 9 9
5	3 5 7 8 8 9
6	1 2

Key: 6 | 1 = 61 inches

What are the most common values (modes)?
Include a unit or label.



Preview

Please log in to download the printable version of this worksheet.

stem	leaf
7	9
8	0 4 7 7 8 9
9	1 3 3 5 6 6 9
10	1 5 8
11	4

Key: 7 | 9 = 7.9 ft

How many athletes jumped farther than 9.5 ft?

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

Key: 0 | 2 = 0.2 mm

How many days had 2.5–4.5 mm of precipitation?

21.

Interpreting Stem-and-Leaf Plots

Guess of Number of Marbles in Jar

stem	leaf
8	8
9	0 5 6 9
10	1 3 5 5 6
11	0 2 5 5 6 8
12	0 5 7

Key: 9 | 0 = 90 marbles

How many students submitted guesses?

22.

Interpreting Stem-and-Leaf Plots

Value of Collectible Figures

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

Key: 7 | 8 = 78 dollars

What is the most common value (mode)? Include a unit or label.



Preview

Please log in to download the printable version of this worksheet.

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

Key: 3 | 8 = 3.8 miles

How many respondents live less than 2.5 miles from school?

stem	leaf
0	8 9
1	0 1 2 3 6 7
2	0 2 3
3	
4	3

Key: 1 | 2 = 12 push-ups

How many students can do 15–45 push-ups?

25.

Interpreting Stem-and-Leaf Plots

Pepperonis on Small Pizzas

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

Key: 1 | 9 = 19 pepperonis

How many different pizzas were included in the study?

26.

Interpreting Stem-and-Leaf Plots

Age of Oldest Relative

stem	leaf
7	2 6
8	0 2 3 3 8
9	0 2
10	1

Key: 7 | 2 = 72 years

What is the most common value (mode)? Include a unit or label.



Preview

Please log in to download the printable version of this worksheet.

stem	leaf
6	4
7	9 9
8	3 4 6 7 7 9
9	0 0 4 5 8 9

Key: 8 | 3 = 83%

How many students scored at least 85% or better?

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

Key: 2 | 3 = 2.3

How many of the company's products have 3.5–5.0 stars?

29.

Interpreting Stem-and-Leaf Plots

Points Scored in Basketball Games

stem	leaf
4	9
5	5 5 7 8 8 9
6	0 2 4 5
7	1 2 2 5 6 9
8	
9	0

Key: 7 | 1 = 71 points

How many basketball games were played in all?

30.

Interpreting Stem-and-Leaf Plots

Weight of Strawberries

stem	leaf
10	9
11	6 8 8 9 9
12	0 2 6 6 8 8
13	1 4 4 4 7 9
14	0 3 5 5
15	9

Key: 12 | 6 = 12.6 grams

What is the most common value (mode)? Include a unit or label.



Preview

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Name: _____

Task Cards: Interpreting Stem-and-Leaf Plots

1. _____ cousins

2. _____

3. _____ students

4. _____ respondents

5. _____ students

6. _____

7. _____ days

8. _____ classes

9. _____ book reports

10. _____

11. _____ people

12. _____ students



Preview

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17. _____

20. _____

21. _____ students

22. _____

23. _____ respondents

24. _____ students

25. _____ pizzas

26. _____

27. _____ students

28. _____ products

29. _____ games

30. _____

ANSWER KEY

Task Cards: Interpreting Stem-and-Leaf Plots

1. 9 cousins

2. 51 inches

3. 12 students

4. 10 respondents

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27. 10 students

28. 11 products

29. 18 games

30. 13.4 grams