

Unit 1 Assessment

Name _____

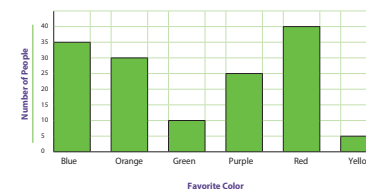
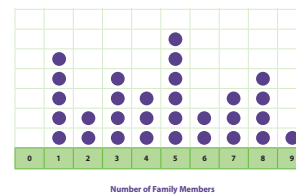
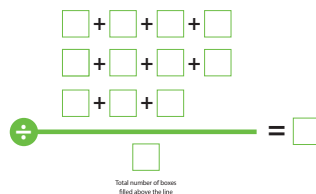
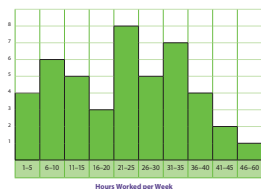
Date _____

Class _____

Teacher _____

Score _____

1. Which of these shows a dot plot? Circle your answer.



2. What is the spread of the data set shown? Circle your answer.

1-6

3-4

3-6

2-3



Zane's Dog-Walking Company: Number of Dogs Walked Each Day of the Week

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
4	3	4	6	4	2	3

3. During the holidays, the number of dogs walked per day by Zane changed. Data Set #2 shows how many dogs were walked per day during the holidays. Using this data, how many dots should be put on the graph to complete it? Circle your answer.

2

4

1

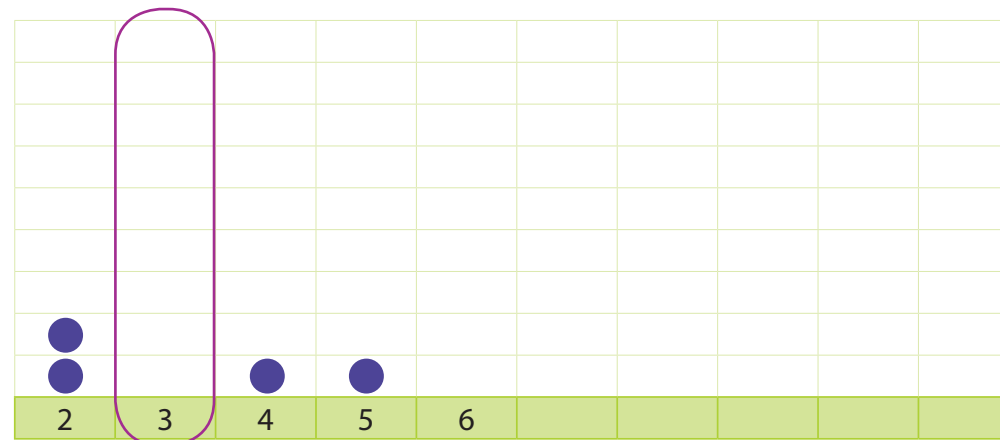
3



Zane's Dog-Walking Company: Number of Dogs Walked Each Day During the Holidays

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
2	2	3	3	4	5	3

Dot Plot Data Set#2



4. Jennifer wants to plan how many books to borrow from the library based on how many books her classmates typically read per month. She wants to know the mode of the number of books read. Circle the mode for number of books read.

9

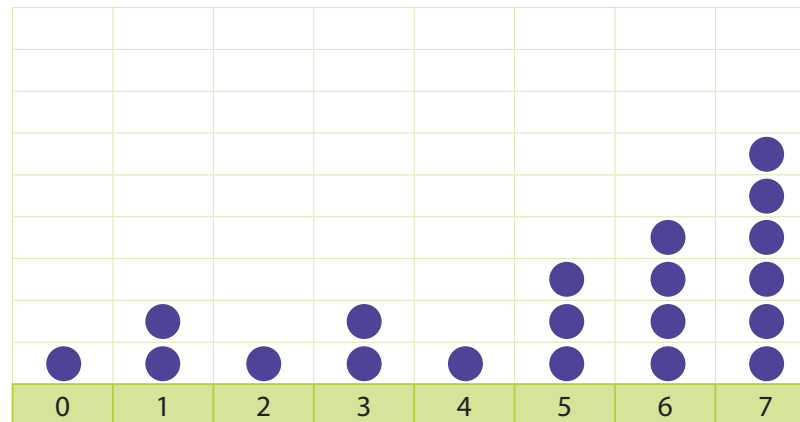
2

6

7

5

Number of Books Read per Month



5. To budget her money better, Brooke would like to find out how much money on average she spends buying coffee per week. She records how much money she spent for 5 weeks. Use Brooke's data to calculate the mean amount of money she spent per week. Circle your answer.

\$3

\$4

\$5

\$2

Money Brook spent on coffee:

\$4

\$6

\$2

\$5

\$3

+ + +

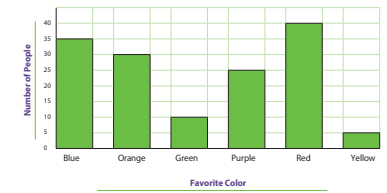
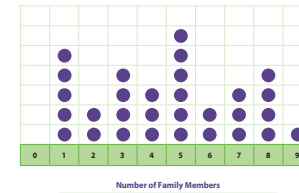
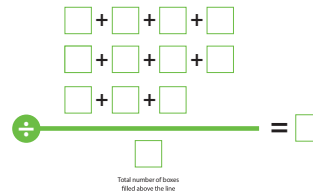
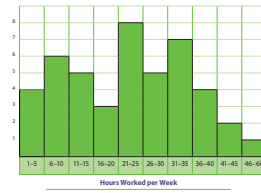
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+ +

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Total number
of boxes filled
above the line

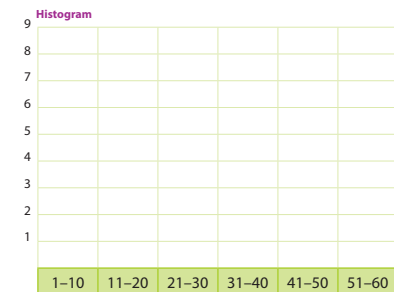
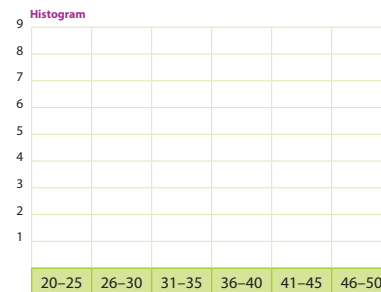
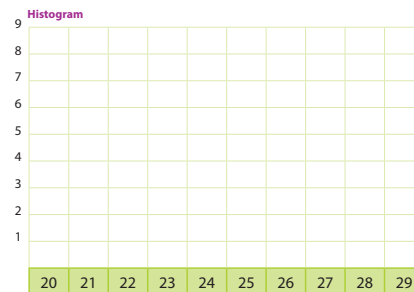
6. Which of these shows a histogram? Circle your answer.



7. Nicolas would like to find out the number of hours his friends typically work in a week. He asked 8 of his friends. Here is the data Nicolas collected:

40 hours 48 hours 20 hours 24 hours
37 hours 32 hours 22 hours 23 hours

Which histogram is set up with the correct **interval values**? Circle your answer.



8. Rebecca is planning a trip to go whale watching. She found data on how many whales were spotted during the beginning, middle, and end of the month. Below is the data set of the dates that a whale was spotted.

April 2, 6, 8, 11, 14, 15, 16, 17, 18, 20, 22, 23

How many boxes would you fill in for the first column of this graph? Circle your answer.

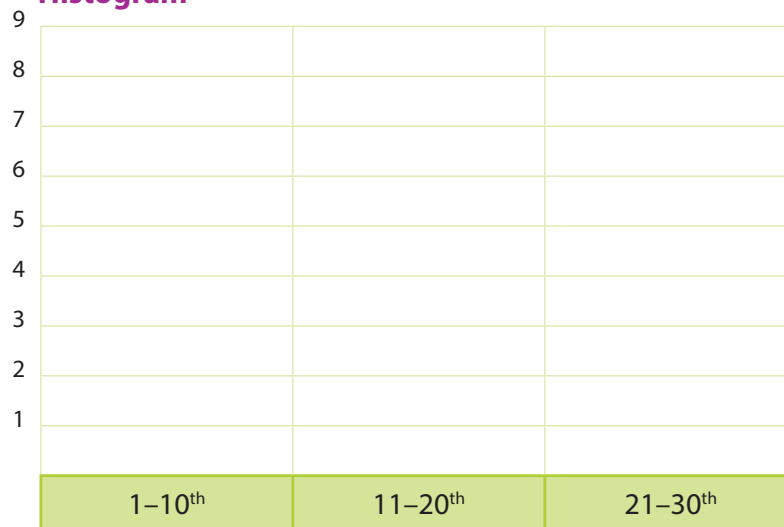
1 box

3 boxes

8 boxes

5 boxes

Histogram



Dates in April

9. Antonio works at a carwash after school. He makes tips for vacuuming out the cars. He also makes tips when he cleans the tires. He wants to know which job, vacuuming or cleaning tires, he most frequently makes a higher tip. He keeps data on his tips for 2 weeks.

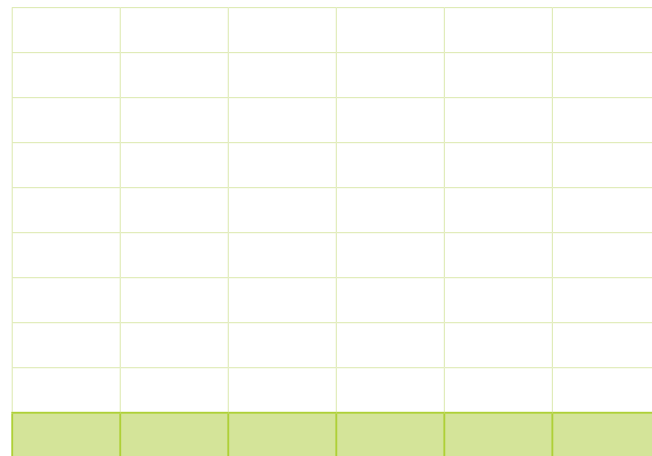
Data Set #1: Vacuuming Cars

\$3 \$3 \$4 \$1 \$3 \$4

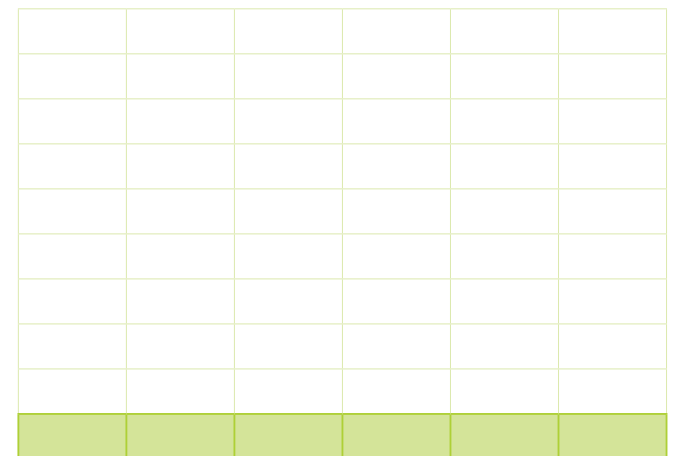
Data Set #2: Cleaning Tires

\$1 \$2 \$2 \$2 \$6 \$4

Dot Plot Data Set #1



Dot Plot Data Set #2



At which job did Antonio make better tips most of the time? Circle your answer.

Vacuuming Cars

Cleaning Tires

Both Are the Same

10. Based on the data from Question #9, on average, for which job would Antonio make better tips? Circle your answer.

Vacuuming Cars

Cleaning Tires

Both Are the Same

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Total number of boxes filled above the line

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Total number of boxes filled above the line