#1

Madison hosts parties a lot and wanted to made a graph to find out how many bags of chips are required based on how many guests there are. Use the data in the table to complete the histogram below.

Guests and Chips

Guests	Bags of Chips
20-29	1
30-39	3
40-49	7
50-59	4
60-69	5

Show your work

#2

The table belows shows the number of bees and flowering plants in a specified area. Use the data in the table to complete the histogram below.
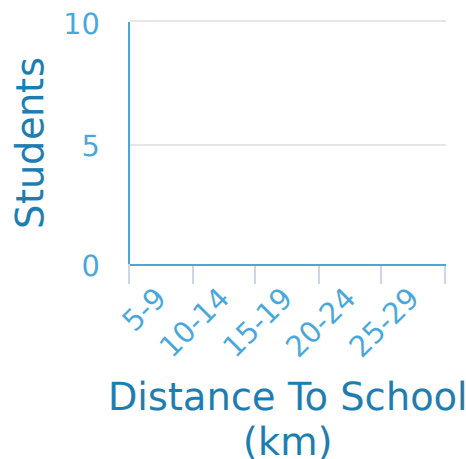
Bees and Flowering Plants

Bee Population	Flowering Plants
0-9	4
10-19	5
20-29	5
30-39	5
40-49	1

Show your work

#3

In class the professor gathers data from his students on how many kilometers they travel to school. Use the data below to complete the histogram.

22 23 9 9 21

25 23 24 20

17 22 13 16

20 9 7

Students

10

5

0

5-9 10-14 15-19 20-24 25-29

Distance To School (km)

Show your work

#4

The table belows shows the number of bees and flowering plants in a specified area. Use the data in the table to complete the histogram below.

Bees and Flowering Plants

Bee Population	Flowering Plants
20-24	3
25-29	7
30-34	0
35-39	6
40-44	9

Show your work

#5

A high school basketball coach counted the number of points her team scored each game and graphed them against how many practice sessions they'd had before each game. Use the data in the table to complete the histogram below.

Team Stats

Practices	Points
30-34	2
35-39	6
40-44	2
45-49	5
50-54	5

Show your work

#6

A company uses the table below to find out how many prizes they should give out at the company barbeque, as the number of prizes correlates with how many employees show up. Use the data in the table to complete the histogram below.
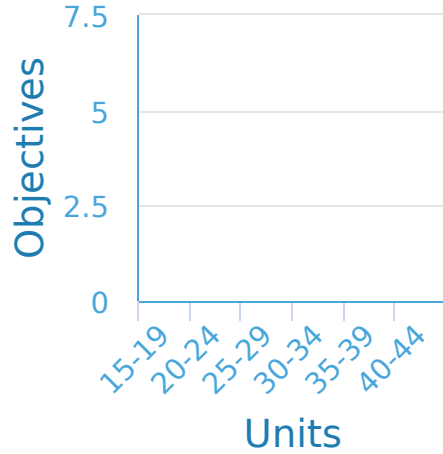
Company BBQ Prizes and Attendance

Attendees	Prizes
30-39	3
40-49	4
50-59	4
60-69	4

Show your work

Name:

#7 The army has the following data set on the number of people they sent on a mission, based on how many objective there were. Use the data below to complete the histogram.

| 28 28 26 35 |
| 31 28 22 41 |
| 40 38 34 43 |
| 42 25 27 29 |

Show your work

#8 An oil rig keeps track of how many employees are on a rig, as well as how many breakdowns there are. Use the data below to complete the histogram.

| 64 63 68 68 |
| 78 74 77 66 |
| 49 56 51 71 |

Show your work

#9 Ryan created the table below to keep track of how far he could run based on how many days in a row he practiced. Use the data in the table to complete the histogram below.

Running

Days Practiced	Kilometers Run
20-29	2
30-39	4
40-49	1
50-59	5
60-69	3

Show your work

#10 Due to poor performance in school Emily begins tracking how many hours of sleep are required to study a certain number of hours each day. Use the data in the table to complete the histogram below.
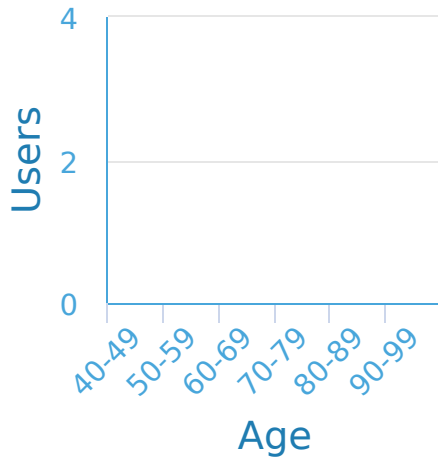
Sleepin' and Studyin'

Sleep (hours)	Studying (hours)
0-19	1
20-39	2
40-59	5
60-79	5
80-99	2

Show your work

#11 A website gathered the age of people using their website. Combine the ages into bins and use the data below to complete the histogram.
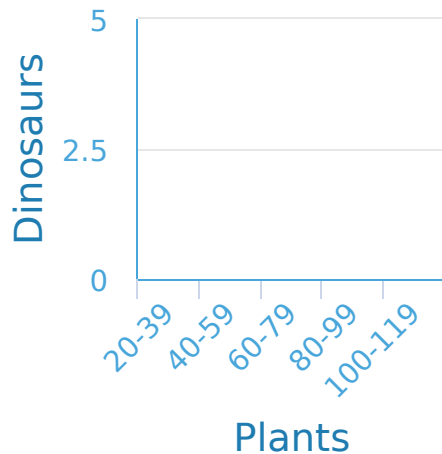
61 94 84 62

52 56 46 87

49 94 70 53

91 51 46 91

Users vs Age (40-49, 50-59, 60-69, 70-79, 80-89, 90-99)

Show your work

#12 Researchers collected the following data on how many dinosaur species there were in relation to how many different plant species in an area. Use the data below to complete the histogram.

76 75 54 69

81 44 74 50

22 75 94 25

106 36 80

Dinosaurs vs Plants (20-39, 40-59, 60-79, 80-99, 100-119)

Show your work

Question	Answer	
#1	1, 3, 7, 4, 5	CC.6.130
#2	4, 5, 5, 5, 1	
#3	4, 1, 2, 8, 1	
#4	3, 7, 0, 6, 9	
#5	2, 6, 2, 5, 5	
#6	3, 4, 4, 4	
#7	1, 1, 7, 3, 3, 5	
#8	1, 2, 5, 4	
#9	2, 4, 1, 5, 3	
#10	1, 2, 5, 5, 2	
#11	3, 4, 2, 1, 2, 4	
#12	3, 3, 5, 3, 2	