

Name _____

Date _____

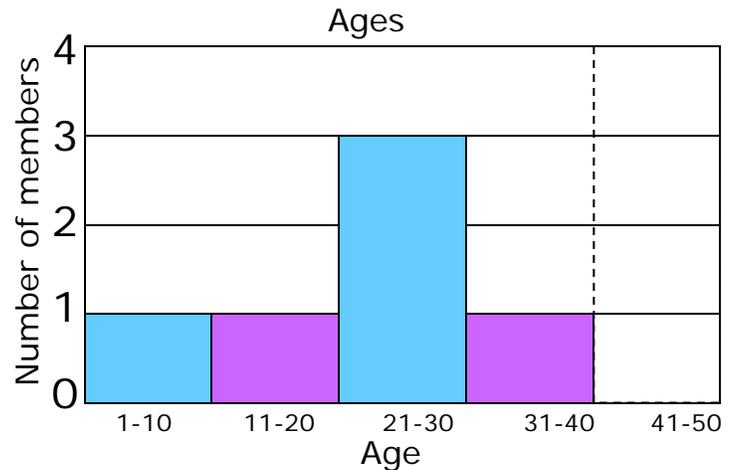
Summarizing Numerical Data Sets - Independent Practice Worksheet

Complete all the problems. Make sure to draw pictures to help you solve the problems.

1. At the election the government is going to count the people and record their ages. Mr. White has four members in his family, but his sons marry and the number of members becomes 8. Mr. White recorded the age of every member in his family.

Use the data in the frequency chart to complete the histogram below.

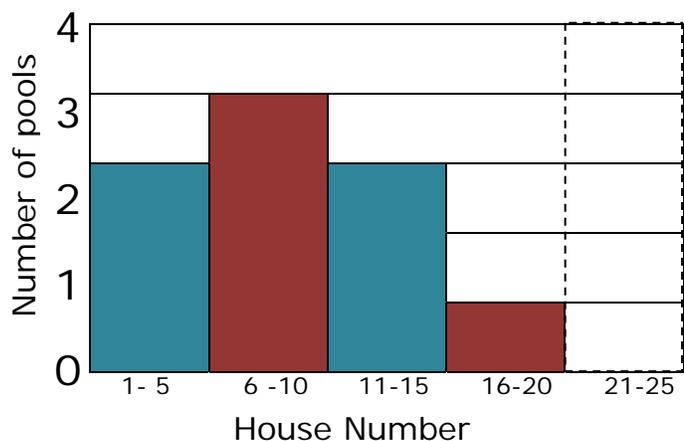
Ages	
Ages	Number of members
1 – 10	1
11 – 20	1
21 – 30	3
31 – 40	1
41 - 50	2



2. In our housing development the mayor decided to count the number of pools. He had the town surveyor count the pools in every 5 homes.

Use the data in the frequency chart to complete the histogram below.

Lanes	
House #	Number of pools
1 – 5	3
6 – 10	4
11 – 15	3
16 – 20	1
21 - 25	5



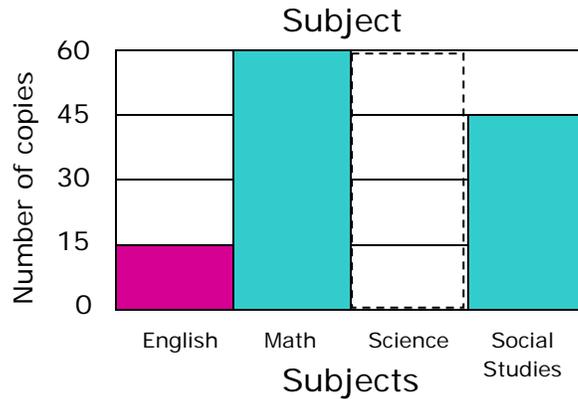
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3. In our class there are 60 students but some of the students rarely come. Our monitor collects the papers at all the classes. On Saturday he has to collect Science, Math's, English, and Social Studies copies.

Use the data in the frequency chart to complete the histogram below.

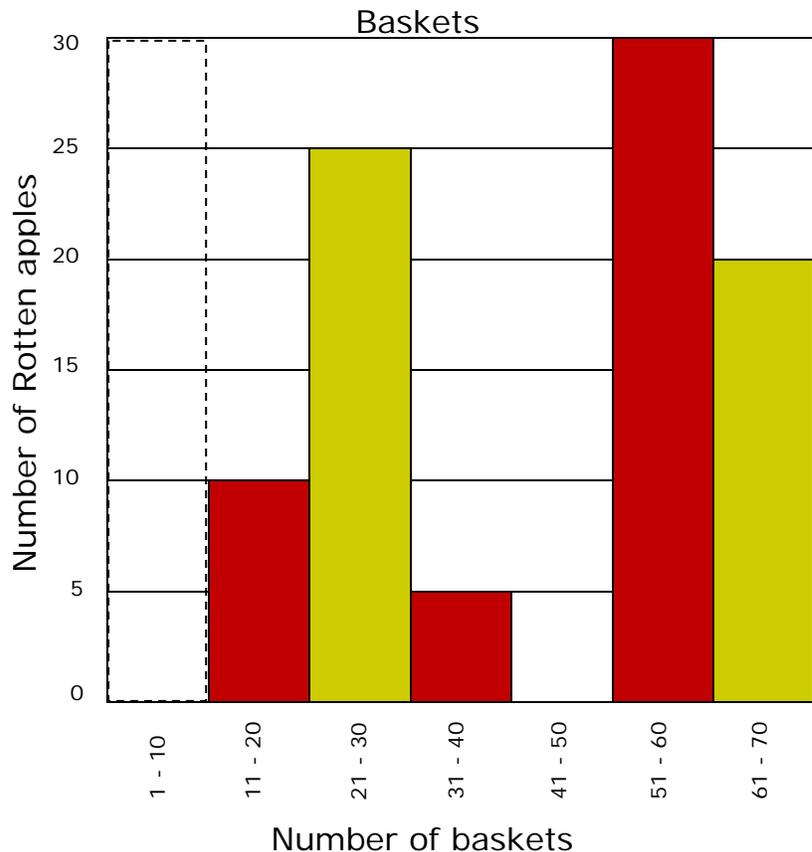
Subjects	
Subjects	Number of copies
English	15
Math	60
Science	30
Social Studies	45



4. An apple seller has been monitoring the rotten apples per basket for the last two weeks.

Use the data in the frequency chart to complete the histogram below.

Rotten apples	
Number of Rotten apples	Number of baskets
1 - 10	15
11 - 20	10
21 - 30	25
31 - 40	5
41 - 50	0
51 - 60	30
61 - 70	20



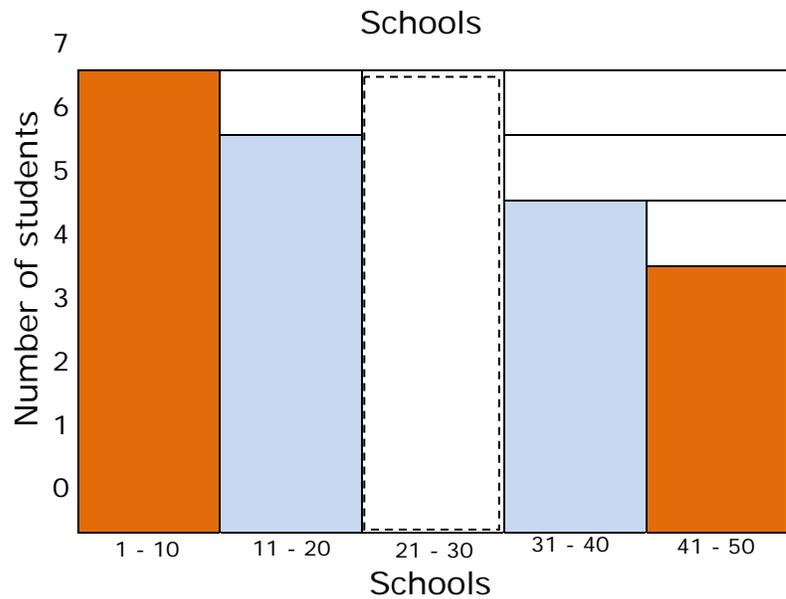
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5. Our school is going to hold a prize drawing. Every school will be invited. Miss Alice researched the schools and the students according to the areas who will take part in the drawing.

Use the data in the frequency chart to complete the histogram below.

Competitors	
Schools	Number of students
1-10	7
11- 20	6
21 - 30	3
31 - 40	5
41 - 50	4



6. Stephen's has a showroom of glass material. Last Monday, some pieces were broken. He checked the number of cracked pieces in each box.

Use the data to complete the frequency chart below.

5 4 3 9 7 12 22 15 11 1 7 17 13 2 2 25 23 20 6 8
16 9 19 4 16

Fill the missing number.

Broken glass pieces	
Number of boxes	Number of broken pieces
1 - 5	7
6 - 10	6
11 - 15	_____
16 - 20	5
21 - 25	3



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7. Henry and his friends will take part in the high jump competition. It will be comprised of first to eighth graders. Henry recorded the grade level of each child below.

Use the data to complete the frequency chart below.

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

Fill the missing number.

High Jump Competition	
Grade Level	Number of participants
1 - 2	5
3 - 4	4
5 - 6	9
7 - 8	_____

8. After completing a science assignment, Jolly wrote down the grades of the groups in the class.

Use the data to complete the frequency chart below.

350 164 308 342 400 394 111 289 311 100 300 253 368
400 150

Fill the missing number.

Science assignment	
Marks	Groups
100 - 150	3
151 - 200	1
201 - 250	0
251 - 300	_____
301 - 350	4
351 - 400	4



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9. During the week of Christmas Mr. Brown always decorates his house with lights. He bought some light strings for his house. He counted the broken lights in each string.

Use the data to complete the frequency chart below.

6 6 6 6 6 3 3 3 3 7 7 7 5 4 4

Fill the missing number.

Broken lights	
Number of broken lights	Strings
2	0
3	4
4	2
5	1
6	_____
7	3

10. In Hall's school, teachers wrote down the number of students according to their student identification number.

Use the data to complete the frequency chart below.

25 60 54 12 40 82 64 154 200 140 58 100 200 50 187
1 190 240 250 233 222

Fill in the missing number.

Houses	
Student ID #	Number of students
1 - 50	5
51 - 100	6
101 - 150	_____
151 - 200	5
201 - 250	4

