

Pre-Algebra  
Histograms

Name \_\_\_\_\_

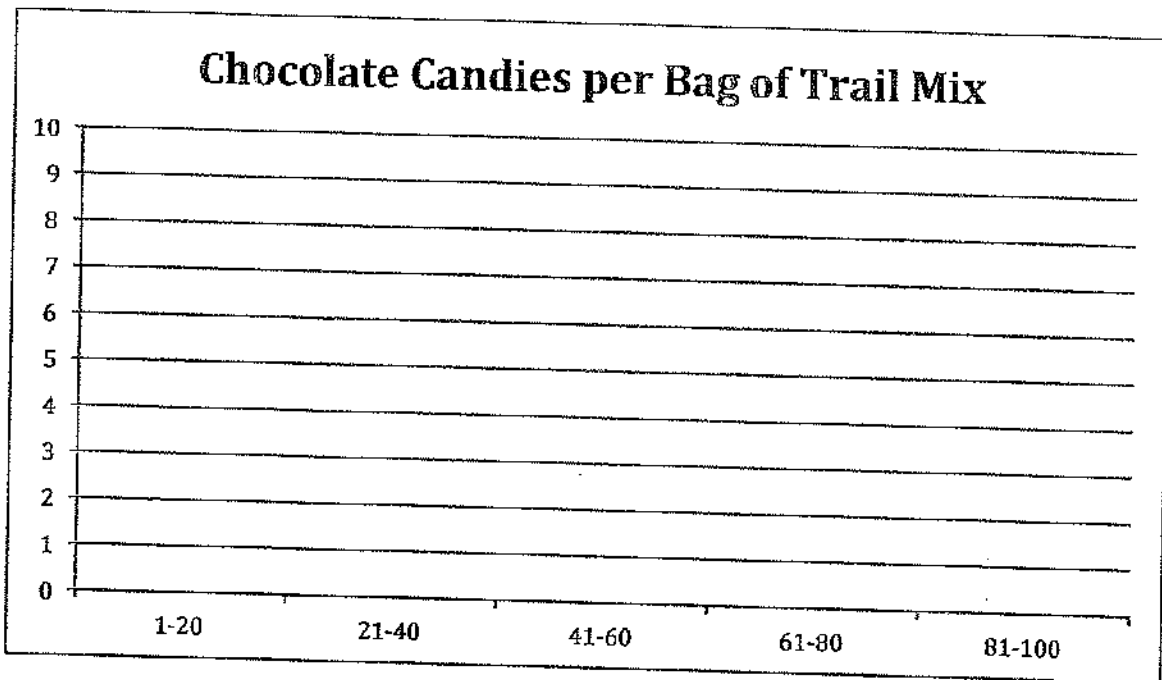
Create a histogram for each set of data. For the first two problems, the frame is set up for you. For #3, YOU will need to determine the best ways to number the axes. Don't forget to include a title as well!

1. Chocolate candies per bag of trail mix:

50 42 119 45 68 32 67 111 61 31 75  
39 62 64 49 55 51 33 117 96 64 82

Frequency table:

Interval	# of values
1-20	
21-40	
41-60	
61-80	
81-100	

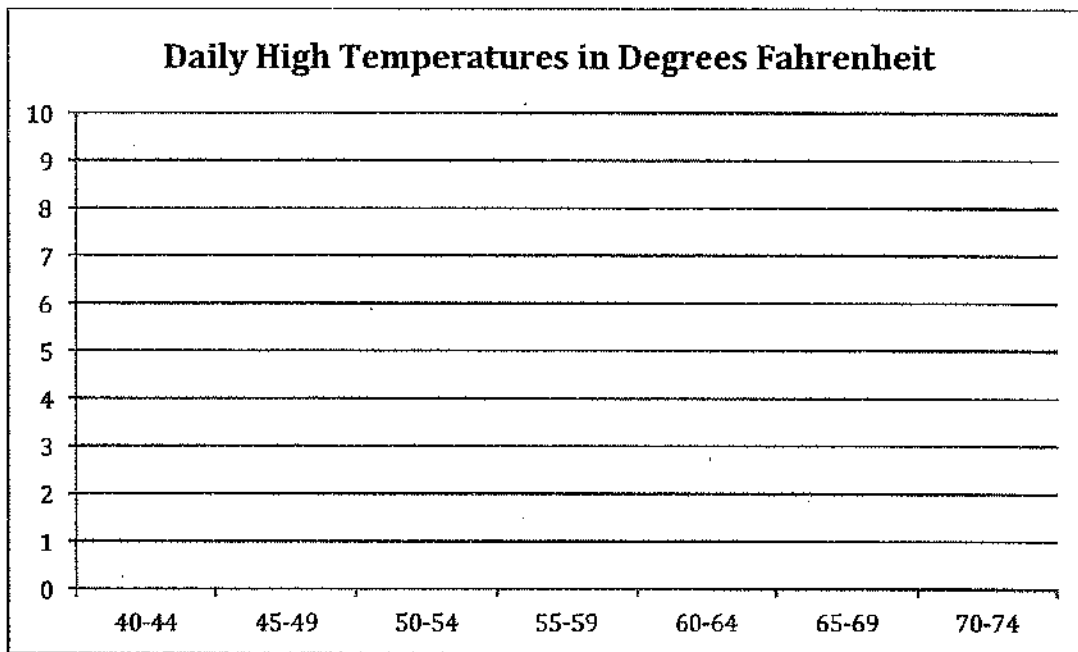


2. Daily high temperature in degrees Fahrenheit:

63 70 64 71 70 62 68 67 68 72 65  
62 59 58 60 59 56 53 51 55 56 50  
53 57 55 50 46 49 46 52 48

Frequency table:

Interval	# of values
40-44	
45-49	
50-54	
55-59	
60-64	
65-69	
70-74	



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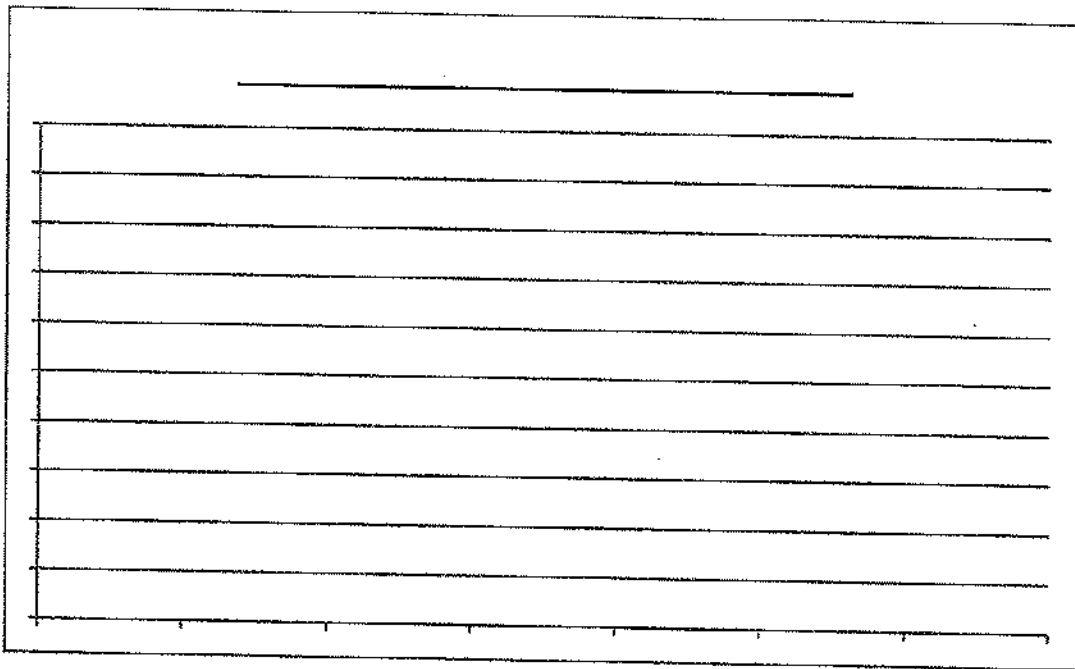
Name \_\_\_\_\_

3. Test scores, out of 100 points

92 84 95 77 74 80 95 70 66  
73 68 90 78 64 72 78 76 65  
59 71 77 92 91 89 74 76 90

Frequency table:

Interval	# of values



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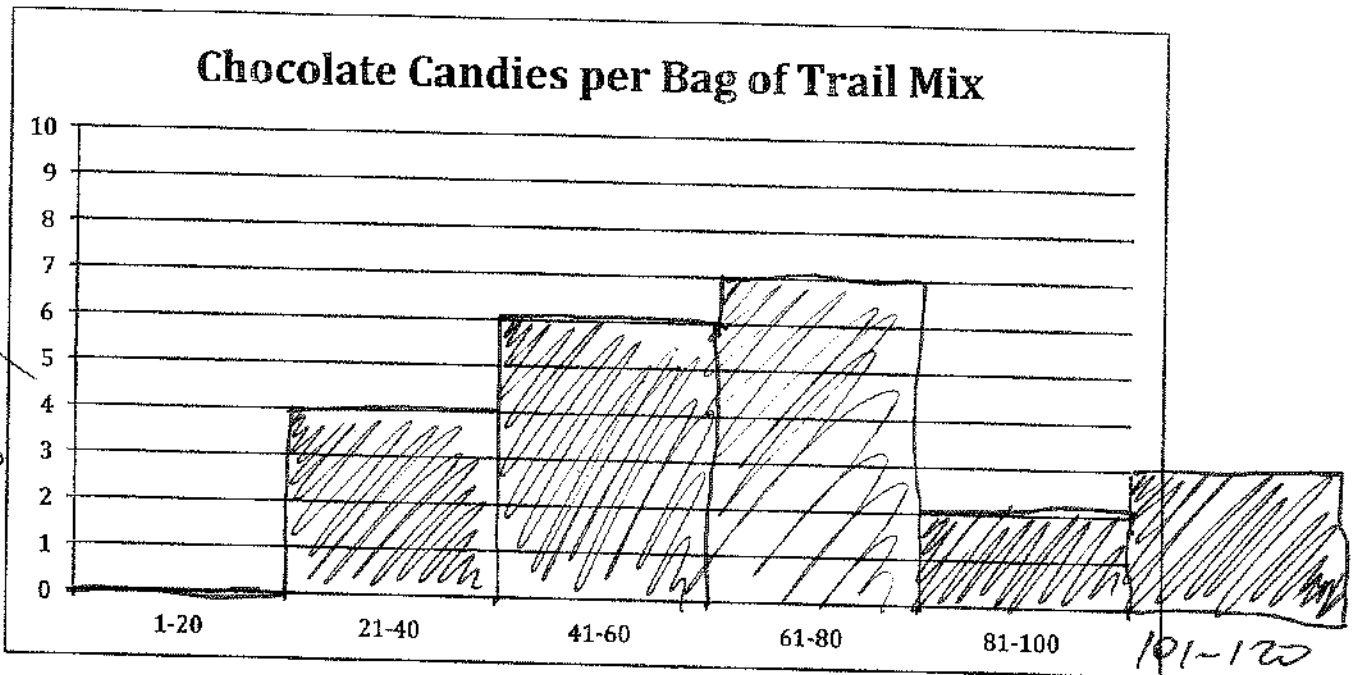
Create a histogram for each set of data. For the first two problems, the frame is set up for you. For #3, YOU will need to determine the best ways to number the axes. Don't forget to include a title as well!

1. Chocolate candies per bag of trail mix:

~~50~~ ~~42~~ ~~119~~ ~~45~~ 68 32 67 111 61 31 75  
39 62 64 49 55 51 33 117 96 64 82

Frequency table:

Interval	# of values
1-20	
21-40	
41-60	
61-80	
81-100	
101-120	



intervals must  
 • be the same size  
 • ~~must~~ not have any gaps  
 • not have any overlap

frequency

# chocolates

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Histograms

Name \_\_\_\_\_

3. Test scores, out of 100 points

~~92~~   ~~84~~   ~~95~~   ~~77~~   ~~74~~   ~~80~~   95   ~~70~~   ~~66~~  
~~73~~   ~~68~~   ~~90~~   ~~78~~   ~~64~~   ~~72~~   ~~78~~   ~~76~~   ~~65~~  
~~59~~   ~~71~~   ~~77~~   ~~92~~   ~~91~~   ~~89~~   ~~74~~   ~~76~~   ~~90~~

Frequency table:

Interval	# of values
51-60	1
61-70	
71-80	
81-90	
91-100	

1  
5  
12  
4  
5

