Name _____   Period _____

11.2 Histograms and Dot Plots Worksheet

Directions: Create a frequency table and histogram for each set of data.

1. Chocolate candies per bag of trail mix:

50	**42**	**100**	**45**	**68**	**32**	**100**
67	**61**	**31**	**75**	**39**	**62**	**64**
49	**55**	**51**	**33**	**99**	**96**	**64**

Class Width: _____

Class Limits	Class Boundaries	Tally	Frequency

2. 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 |

Class Width: _____

| Class Limits	Class Boundaries	Tally	Frequency

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Directions: Answer the following questions based on each of the dot plots.

1. The dot plot below shows the number of students in each of the teacher's class.

Adam Bara Caelian   Daisy   Even   Dana   Dario   (classes)
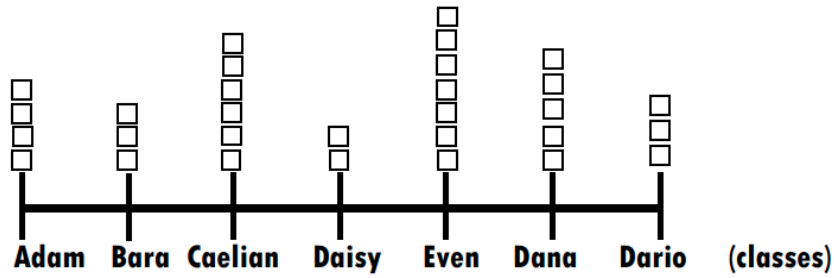
a. How many total students are there in all classes?

b. Which class has the least number of students?

c. Which class has the most number of students?

2. The dot plot shows the number of lemons each person has.

11   12   13   14   15   16   17   (lemons)
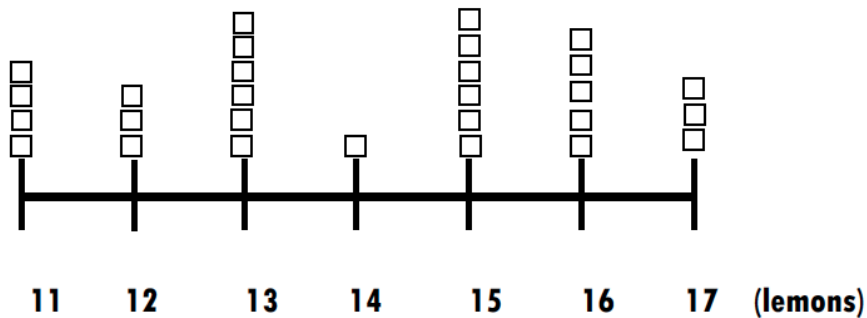
a. How many total individuals are represented in the dot plot?

b. What is the total number of lemons that the individuals have?

3. The following data shows the amount of chocolate Mrs. Latimer ate over the last 30 days. Create a dot plot to show how much chocolate she ate.

3, 5, 9, 2, 4, 5, 3, 8, 7, 4, 2, 9, 7, 1, 2, 2, 5, 7, 12, 6, 3, 7, 9, 2, 1, 7, 4, 3, 9, 11