

Name \_\_\_\_\_

Date \_\_\_\_\_

**Understanding Data Displays - Guided Lesson**

Complete the following questions:

1) Students were collecting data for a project. They decided they would survey the number of materials students had to bring to school each day. A total of 30 students were surveyed. The data is shown below in no specific order. Create a data display. What are some observations that can be made from the data display?

4	12	11	17	15	10
15	11	25	8	2	6
2	22	28	14	23	20
24	5	9	15	5	3
30	19	18	26	24	18

2) Mark asked each student in his class to write their age in months on a piece of paper. The 24 students in the class brought a piece of paper to the front of the room and posted them in order on the white board. The data set is listed below in order from least to greatest. Create a data display. What are some observations of quartiles that can be made from the data display?

128	128	129	129	130	130	130	131
132	133	134	134	135	136	136	136
137	138	138	138	139	139	139	140

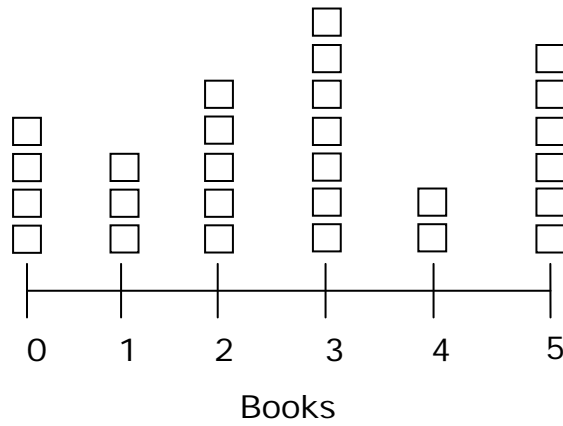


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3) A teacher was monitoring the library usage patterns. She figured out how many books were taken out daily by students last month.

Number of books borrowed from library each day



On how many days were more than 4 books taken from the library?

