

Class Data Analysis

The table below shows the results of a high school math class.

Student	Grade	Absences	Lates
1	52	56	7
2	39	32	13
3	70	3	4
4	68	14	5
5	50	8	27
6	83	8	2
7	83	2	0
8	86	7	2
9	76	4	1
10	90	3	0
11	61	15	4
12	87	9	10
13	74	8	3
14	80	1	2
15	87	14	0
16	35	30	16
17	56	21	3
18	69	18	6
19	51	6	5

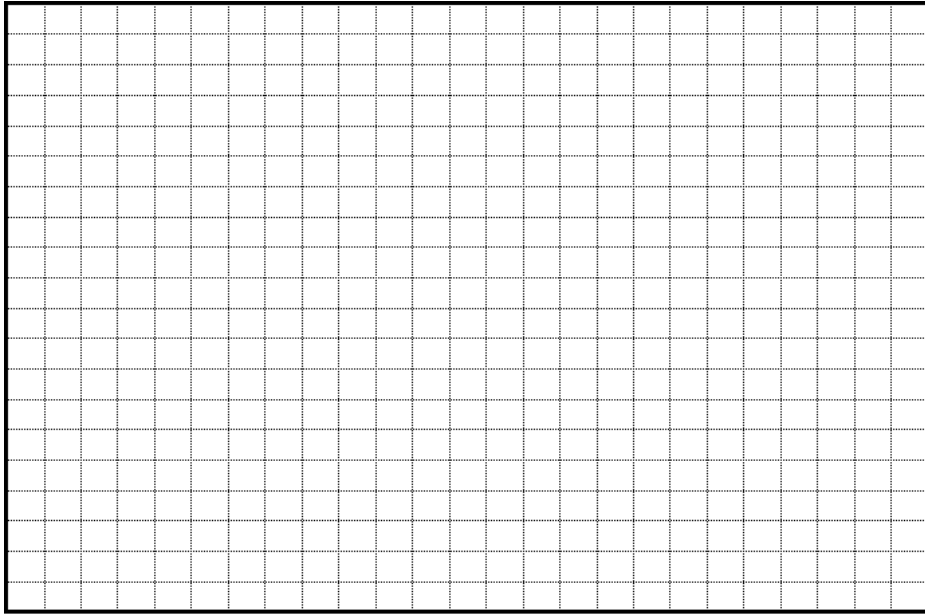
	Grade	Absences	Lates
Mean			
Median			
Mode			
Minimum			
Maximum			
Range			

1. Complete the table above, providing a basic statistical summary of the data.
2. Identify the variable(s).

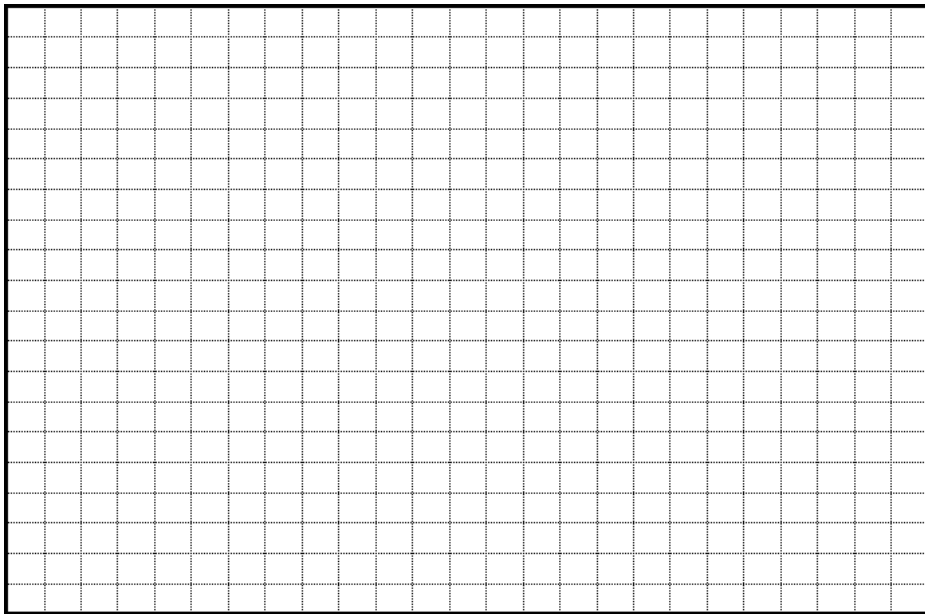
3. What type(s) of graph(s) would be appropriate to display the Grade data only? Why?

4. What type(s) of graph(s) would be appropriate to display the relationship between Grade and Absences? Why?

5. Draw an appropriate graph to display the Grade data.



6. Draw an appropriate graph to display the relationship between Grade and Absences.



7. Pose, and answer, a question that would require one-variable data analysis.

8. Pose, and answer, a question that would require two-variable data analysis.