

STEM-AND-LEAF PLOTS

Make a stem-and-leaf plot for each set of data. Then answer the questions that follow.

Gas Mileage (miles per gallon)						
33	38	40	22	16	18	42
28	17	19	35	25	34	21
26	33	23	18	28	31	41

Gasoline Mileage (miles per gallon)	

1. What was the highest mileage given?
2. What was the lowest mileage recorded?
3. Which mileage was most often recorded (mode)?
4. How many vehicles had a mileage greater than 25 mpg?

Scores on a Math Quiz				
78	45	70	91	81
73	92	60	80	62
51	95	82	65	86
86	64	87	71	82
78	72	97	67	90

Scores on a Math Quiz	

5. What was the highest quiz score?
6. What was the range of the set of data?
7. If passing is 60 or higher, how many people failed the quiz?
8. What was the median score?