

Answer on Question #67854 – Math – Statistics and Probability

QUESTION

The amount of protein (in grams) for a variety of burgers from selected fast-food restaurants in Klang Valley is reported in Table 2.

Table 2

23	30	20	27	44	26	35	20	29	29
25	15	18	27	19	22	12	26	34	15
27	35	26	43	35	14	24	12	23	31
40	35	38	57	22	42	24	21	27	33

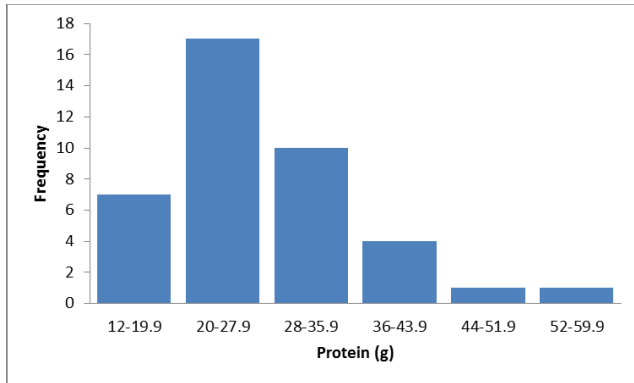
- a) Construct a frequency distribution table using eight as the class width and 12 as the lower limit of the first class.
- b) Based on the frequency table in (a), construct a histogram.
- c) Comment on the distribution of the protein based on the histogram constructed in (b).

Solution

a)

<i>Class</i>	<i>Frequency</i>
12-19.9	7
20-27.9	17
28-35.9	10
36-43.9	4
44-51.9	1
52-59.9	1

b)



c) Distribution is unimodal, right skewed.