

Histogram Worksheets

1. Listed are the grams of carbohydrates in hamburgers at selected fast food restaurants.

33 40 66 45 28 30 52 40 26 42
42 44 33 44 45 32 45 45 52 24

- a. Complete the frequency table using the given intervals of width 5.

Number of Carbohydrates (grams)	Tally	Frequency
20–< 25		
25–< 30		
30–< 35		
35–< 40		
40–< 45		
45–< 50		
50–< 55		
55–< 60		
60–< 65		
65–< 70		

- b. Draw a histogram of the carbohydrate data.

- c. Describe the center and shape of the histogram.

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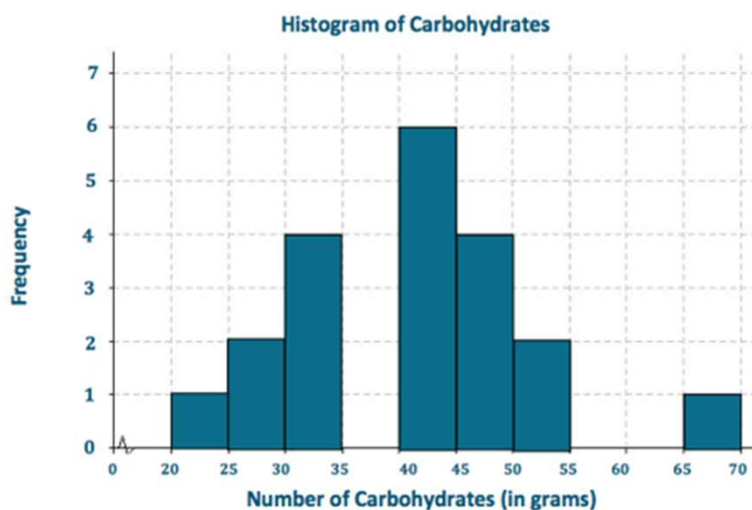
1. Listed are the grams of carbohydrates in hamburgers at selected fast food restaurants.

33 40 66 45 28 30 52 40 26 42
42 44 33 44 45 32 45 45 52 24

- a. Complete the frequency table using the given intervals of width 5.

Number of Carbohydrates (grams)	Tally	Frequency
20–< 25		1
25–< 30		2
30–< 35		4
35–< 40		0
40–< 45		6
45–< 50		4
50–< 55		2
55–< 60		0
60–< 65		0
65–< 70		1

- b. Draw a histogram of the carbohydrate data.



- c. Describe the center and shape of the histogram.

The center is around 40; the histogram is mound shaped and approximately symmetric. (Answers may vary, but student responses for describing the center should be around the center of the data distribution.)

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