

Name: \_\_\_\_\_

Date: \_\_\_\_\_

<b>Learning Goal 1.1</b>	Displaying Data.
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**More Questions**

- Below are the results of an EPA study on the MPG of 50 different cars. Construct a histogram for this data by hand.

36.6	32.7	40.5	35.2	38.5	36.3	41.0	37.0	37.1	36.7
39.9	41.0	37.3	36.5	37.9	39.0	36.8	31.8	37.2	38.1
40.3	36.9	36.7	33.6	34.2	35.1	39.7	39.3	35.8	34.8
34.5	39.5	36.9	36.9	41.2	37.6	36.0	35.5	32.5	36.0
37.3	40.7	32.9	42.1	37.5	40.0	35.6	38.8	38.4	39.0

- Below are the average number of streams an artist’s music receives on a daily basis on Spotify. Choose which artists are comparable in your eyes and create a histogram based on their numbers. Tell me why they are related.

Drake	50.775
Ariana Grande	17.158
Shawn Mendes	7.467
One Direction	8.746
Michael Jackson	7.007
Madonna	5.801
Lizzo	2.452

Pink Floyd	4.034
Bruno Mars	19.063
Harry Styles	12.693
Adele	11.157
Elton John	7.572
Taylor Swift	85.793
Aerosmith	2.879

Eminem	20.175
Michael Buble	1.864
Lady Gaga	9.844
Miley Cyrus	13.561
Metallica	7.177
Dua Lipa	15.613
Muse	2.490