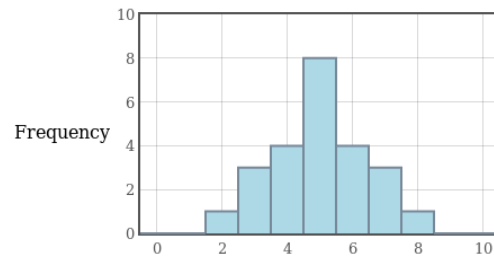


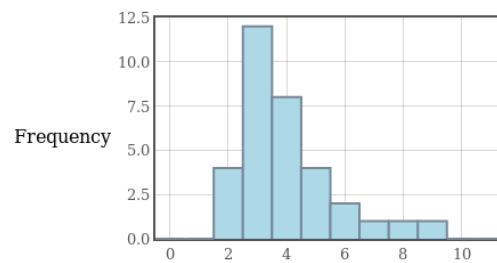
1. Consider the data set summarized by the histogram below.



Describe the relationship between the mean and the median of this distribution.

- A. The median is less than the mean.
- B. The median and mean are roughly equal.
- C. The median and mean are equal.
- D. The median is greater than the mean.

2. Consider the data set summarized by the histogram below.

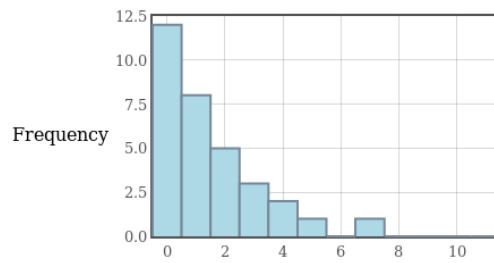


Describe the shape of this distribution.

- A. This distribution is roughly symmetrical.
- B. This distribution is perfectly symmetrical.
- C. This distribution is skewed to the left.
- D. This distribution is skewed to the right.



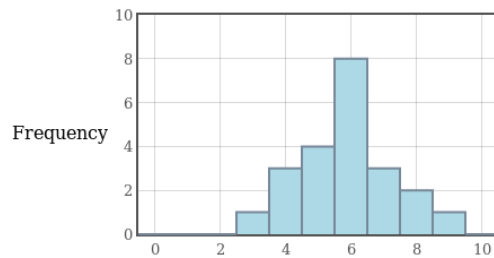
3. Consider the data set summarized by the histogram below.



Describe the relationship between the mode and the median of this distribution.

- A. The median and the mode are roughly equal.
- B. The median and the mode are equal.
- C. The median is greater than the mode.
- D. The median is less than the mode.

4. Consider the data set summarized by the histogram below.

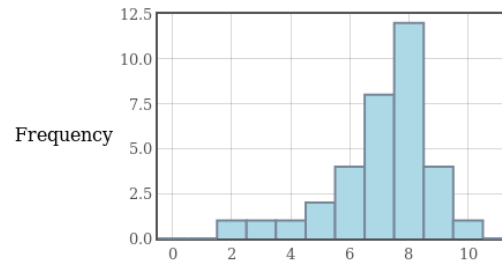


Describe the shape of this distribution.

- A. This distribution is roughly symmetrical.
- B. This distribution is skewed to the left.
- C. This distribution is perfectly symmetrical.
- D. This distribution is skewed to the right.



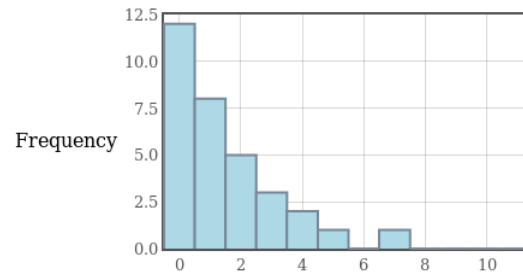
5. Consider the data set summarized by the histogram below.



Describe the relationship between the mean and the median of this distribution.

- A. The median and mean are roughly equal.
- B. The median and mean are equal.
- C. The median is less than the mean.
- D. The median is greater than the mean.

6. Consider the data set summarized by the histogram below.

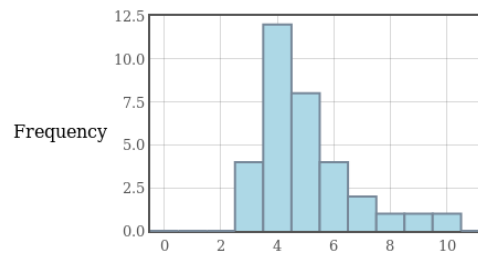


Describe the relationship between the mode and the median of this distribution.

- A. The mode is greater than the median.
- B. The mode and the median are equal.
- C. The mode and the median are roughly equal.
- D. The mode is less than the median.



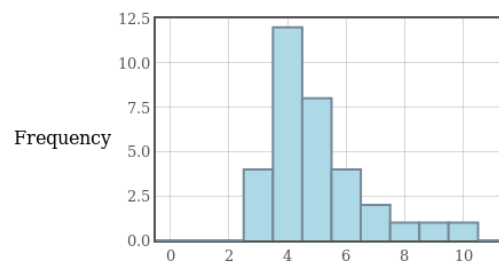
7. Consider the data set summarized by the histogram below.



Describe the relationship between the mean and the median of this distribution.

- A. The median and mean are equal.
- B. The median and mean are roughly equal.
- C. The median is less than the mean.
- D. The median is greater than the mean.

8. Consider the data set summarized by the histogram below.



Use the histogram to find the mode of this data set.

- A. The mode of the data set is 7.
- B. The mode of the data set is 11.
- C. The mode of the data set is 6.
- D. The mode of the data set is 4.
- E. The mode of the data set is 3.
- F. The mode of the data set is 1.
- G. The mode of the data set is -1.
- H. The mode of the data set is 0.