

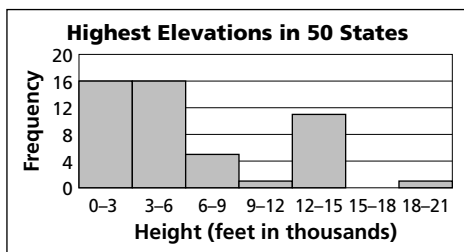
13-3 Skills Practice

Histograms

For each histogram, answer the following.

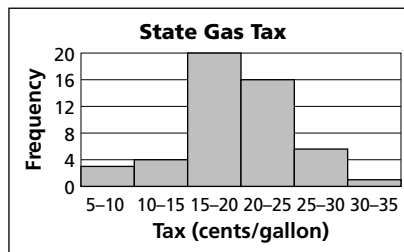
- In what measurement class does the median occur?
- Describe the distribution of the data.

1.



Source: U.S. Geological Survey

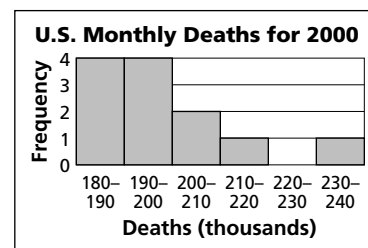
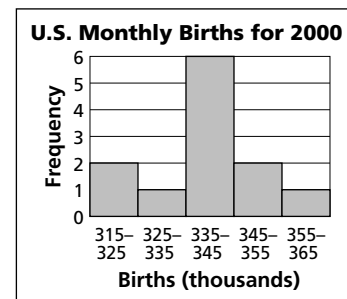
2.



Source: Federal Highway Administration

3. For the pair of histograms, answer the following.

- Compare the medians of the two data sets.
- Compare and describe the overall shape of each distribution of data.

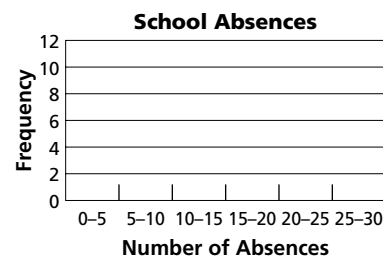


Source: Centers for Disease Control

Create a histogram to represent the data set.

4. The number of absences at a high school the first two months of the school year:

17, 11, 12, 6, 7, 18, 13, 19, 23, 17, 4, 9, 13, 8, 19, 11, 9,
21, 28, 12, 4, 0, 9, 18, 28, 29, 12, 16, 19, 9, 21, 3, 8, 11, 17

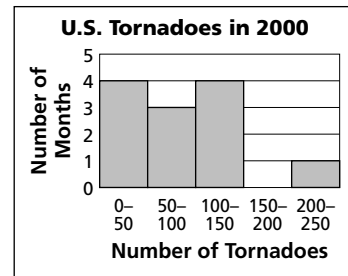


13-3 Practice

Histograms

WEATHER For the histogram at the right, answer the following.

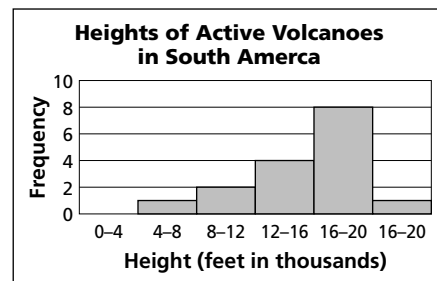
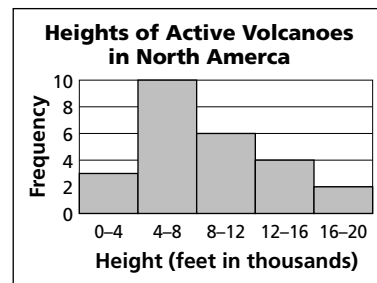
1. In what measurement class does the median occur?
2. Describe the distribution of the data.



Source: National Oceanic and Atmospheric Administration

3. VOLCANOES For the pair of histograms, answer the following.

- Compare the medians of the two data sets.
- Compare and describe the overall shape of each distribution of data.



Source: World Almanac 2001, data for 2000

FOOD For Exercises 4–6, use the following table.

Average Price of Trout in Selected States in 2000 (dollars per pound)							
State	Price	State	Price	State	Price	State	Price
California	2.03	Michigan	2.65	Oregon	4.80	Virginia	2.90
Colorado	2.67	New York	4.53	Pennsylvania	3.30	West Virginia	2.17
Maine	5.80	North Carolina	1.30	Utah	2.02	Wisconsin	2.71

Source: U.S. Department of Agriculture

4. Create a histogram to represent the data.
5. In what measurement class does the median occur?
6. Describe the distribution of the data.

