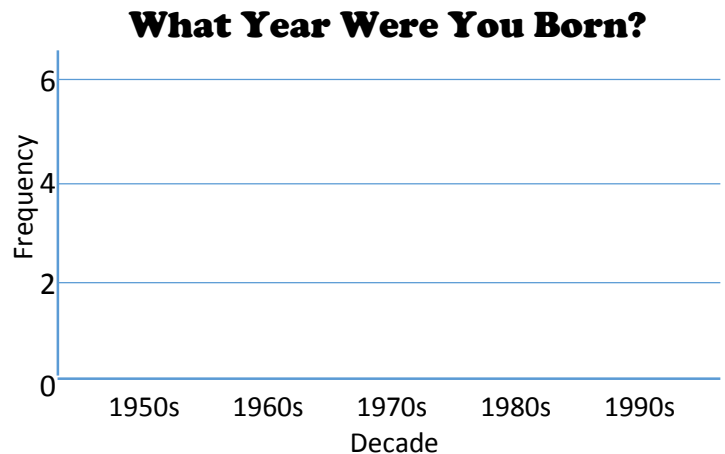


Histograms Practice

Below is the list of the birth years of all the teachers at Parkway Elementary School. Fill in the frequency table using this data, then create a histogram of the data.

1982, 1991, 1994, 1989, 1974, 1990, 1974, 1960, 1962, 1956, 1985, 1987, 1993, 1978, 1981, 1982, 1970, 1990

Year range	Frequency	Number
1950s		
1960s		
1970s		
1980s		
1990s		



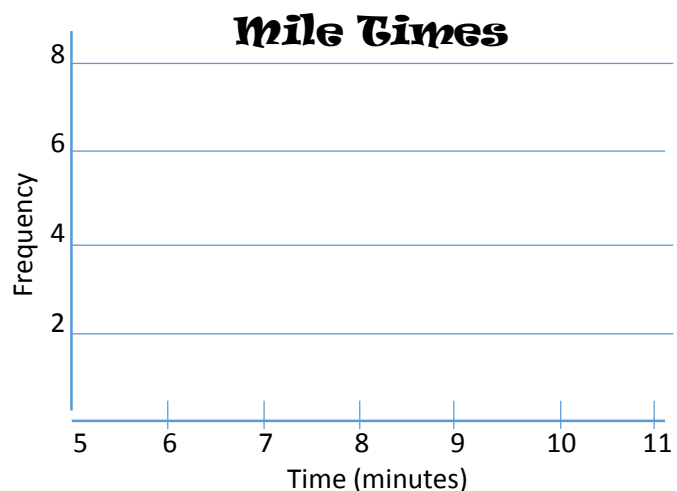
What decade was the most-often-occurring in this set of data?

True or False: The teachers at this school have an age range of 40 years.

The data below is the time it takes the members of a high school track team to run one mile. Fill in the data in the frequency table, then use that to create a histogram.

7:10, 7:35, 8:15, 8:57, 6:12, 7:45, 7:00, 6:59, 5:30, 10:15, 7:18, 7:19, 8:25, 6:03, 7:58, 8:21, 6:52

Time (min:sec)	Frequency	Number
5-5:59		
6-6:59		
7-7:59		
8-8:59		
9-9:59		
10-10:59		



How many of the track team members can run a mile in less than 7 minutes?

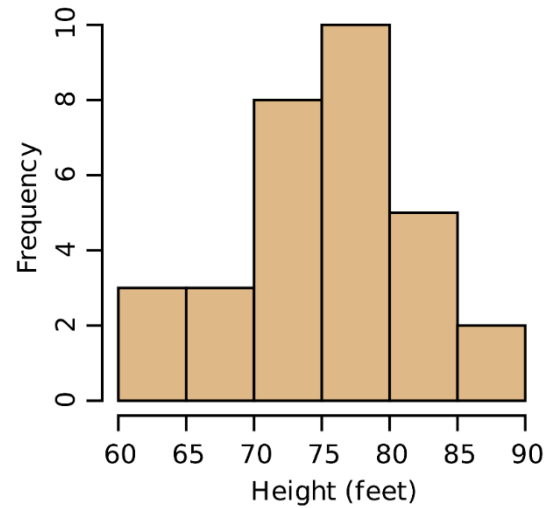
True or False: More than half of the team members take more than 8 minutes to run one mile.

The Parks and Wildlife Service collected data on the heights of the trees at the Jonesburg Park. From the data in this histogram, mark each statement true or false.

T F The median tree height is between 75 and 80 feet.

T F The range of the trees is 40 feet.

T F Over half the trees are taller than 75 feet tall.

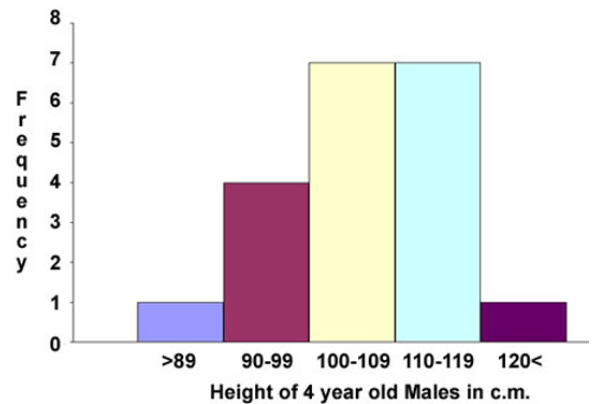


Dr. Yung, a pediatrician, was comparing the heights of some of her patients, specifically the 4-year-old boys, and charted the data as shown. Use the data to determine if each statement is true or false.

T F Scott is a patient of Dr. Yung. He is 111 cm tall, which means he is charted above the median in this graph.

T F The largest data point shown is 120 cm tall.

T F Since this histogram shows the data for 20 patients, 25% of them are at most 99 centimeters tall.



The histogram shown gives the scores on the last Spelling Test for the 15 kids in Ms. Lee's 1st period class. Use this data to determine if each statement is true or false.

T F One student scored a 100 on this Test.

T F The median of this data is between a 70 and an 80.

T F 20% of these students scored and 80 or higher on this Spelling Test.

