

DESCRIBING DISTRIBUTIONS IN DOT PLOTS

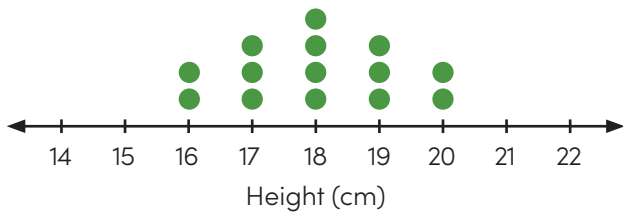


Read the text about each dot plot below. Describe the distribution shown by calculating the mean, median, mode, and range. Then, write a sentence describing the shape of the distribution shown in the dot plot.

1

Mr. Carson's science class is conducting an experiment. They record the height, in centimeters, of each of the bean plants they are growing.

Height of Bean Plants



Mean = _____ Median = _____

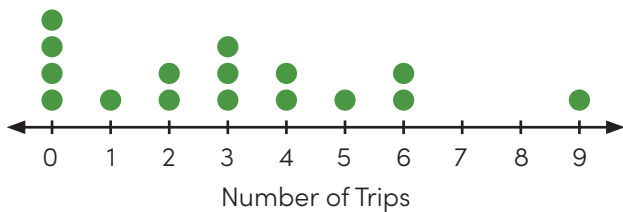
Mode = _____ Range = _____

Shape: _____

2

Eve wants to know how often middle schoolers go to the movies. She surveys students in her homeroom and asks how many times they went to the movies last month.

Trips to the Movies



Mean = _____ Median = _____

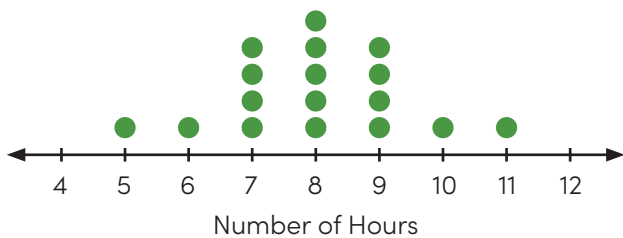
Mode = _____ Range = _____

Shape: _____

3

Kyla is curious how many hours students in her grade sleep each night. During lunch, she asks a few students at every lunch table how long they slept last night.

Hours Slept Last Night



Mean = _____ Median = _____

Mode = _____ Range = _____

Shape: _____

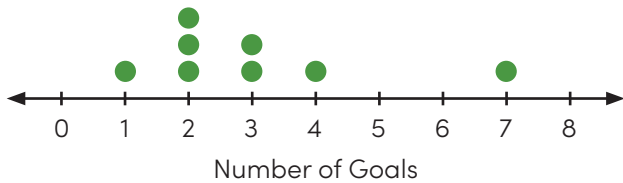
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Keep going! Describe the distribution shown by calculating the mean, median, mode, and range. Then, write a sentence describing the shape of the distribution shown in the dot plot.

4

Tim loves soccer and wants to learn more facts about the game. He researches the total number of goals scored in the past few Women's World Cup finals.

Soccer Goals Scored



Mean = _____ Median = _____

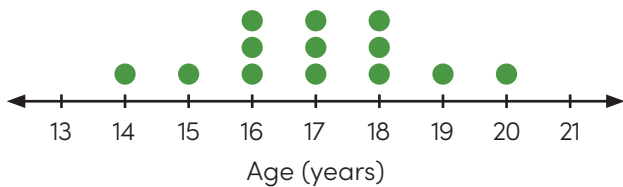
Mode = _____ Range = _____

Shape: _____

5

Li is a gymnast and dreams of becoming an Olympic all-around champion. She records the ages of some of the most recent champions.

Olympic All-Around Champions



Mean = _____ Median = _____

Mode = _____ Range = _____

Shape: _____

6

Kai is training for a marathon. He keeps track of the number of miles that he runs each month.

Miles Ran Last Month



Mean = _____ Median = _____

Mode = _____ Range = _____

Shape: _____
