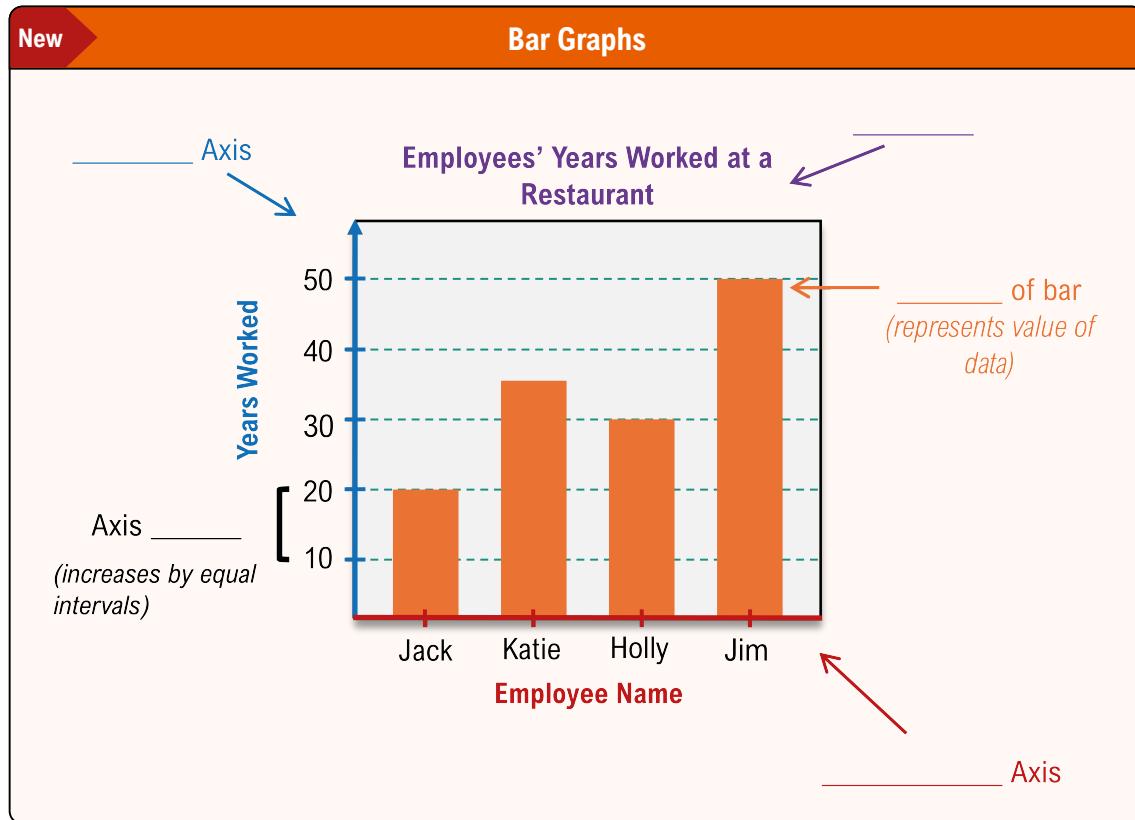


TOPIC: BAR GRAPHS

Bar Graphs

- ◆ A common way to visualize data is using **bar graphs** that compare data values based on the height of each bar.

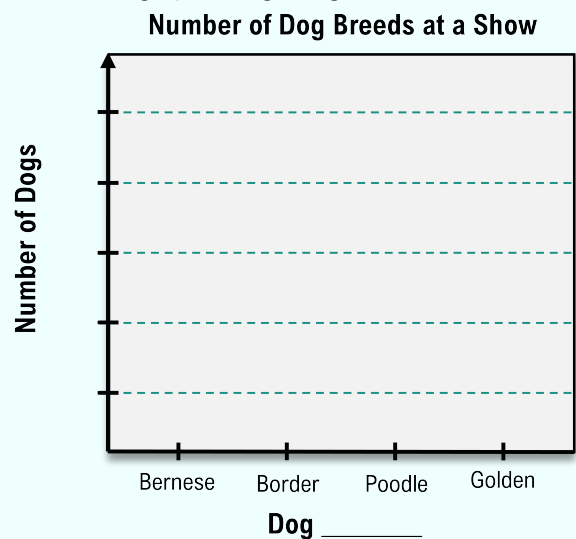


- ◆ We can also construct bar graphs using the data from a table.

EXAMPLE

The table below lists the breeds at a dog show. Construct a bar graph using the given data.

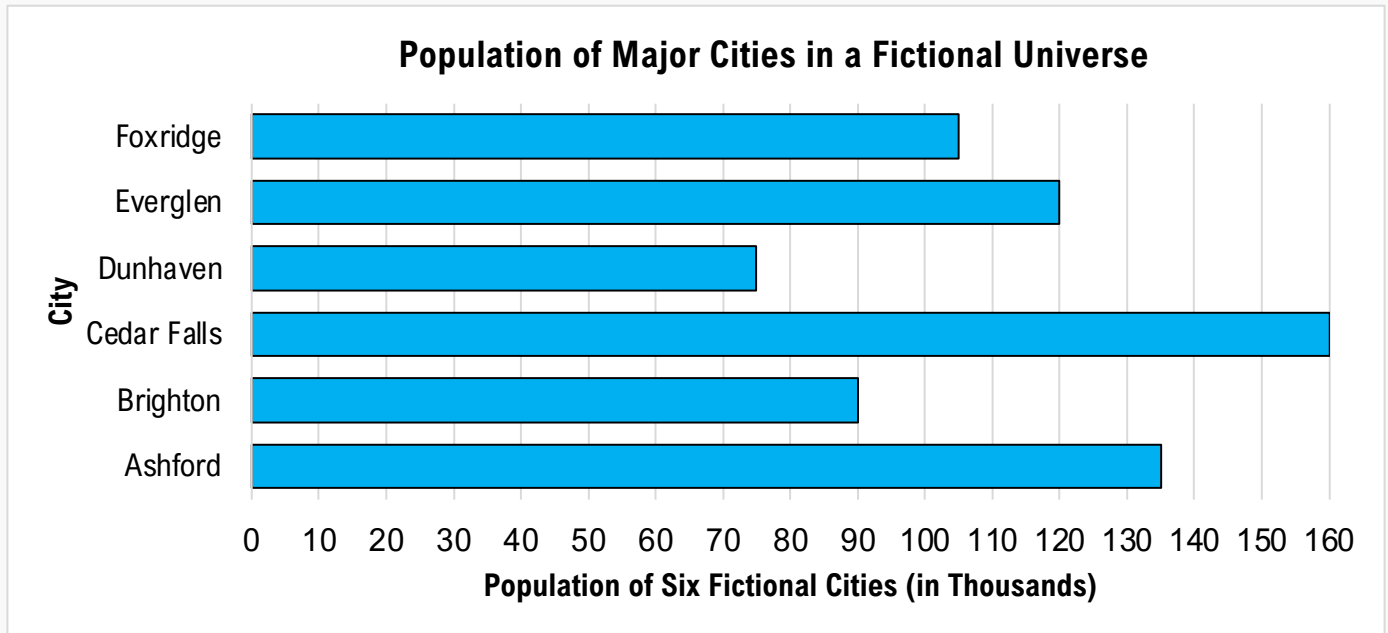
Dog Breed	# of Dogs
Bernese Mountain Dog	1
Border Collie	4
Poodle	5
Golden Retriever	3



TOPIC: BAR GRAPHS

PRACTICE

The horizontal bar graph below shows the population (in thousands) of six fictional cities. Answer the questions listed below.



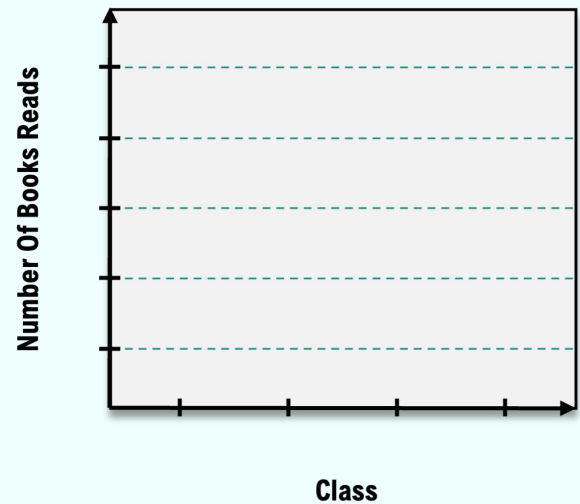
- (A) Which city has the largest population?
- (B) What is the approximate population of Dunhaven?
- (C) Estimate how many more people live in Cedar Falls than Brighton.

TOPIC: BAR GRAPHS

EXAMPLE

The table below represents the number of books read by 4 different classes during reading month. Create a vertical bar graph to represent the data in the table.

Class	Books Read
Class A	18
Class B	25
Class C	20
Class D	30



EXAMPLE

The table below represents the number of fruit baskets sold at a fruit stand based on a specific fruit. Create a horizontal bar graph to represent the data in the table.

Fruit	Baskets Sold
Apples	35
Bananas	28
Oranges	40
Grapes	22

