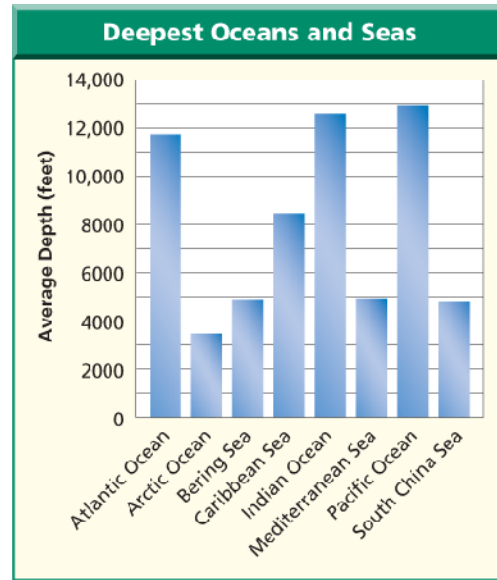


Lesson 1-6

Example 1

Use the bar graph to answer the following questions.

- Which bar represents the deepest body of water? About how deep is that ocean or sea?
- About how much deeper is the Caribbean Sea than the Mediterranean Sea?
- Which bodies of water are over 6000 feet deep?



Solution

- The longest bar represents the Pacific Ocean. The top of the bar is a little below the 13,000-ft mark on the scale. The average depth of the Pacific Ocean is about 12,900 feet.
- The average depth of the Caribbean Sea is about 8500 ft, while the average depth of the Mediterranean Sea is about 4900 ft, so the Caribbean Sea is about $8500 - 4900 = 3600$ ft deeper than the Mediterranean Sea.
- The Atlantic Ocean, the Caribbean Sea, the Indian Ocean, and the Pacific Ocean are each over 6000 feet deep.

Example 2

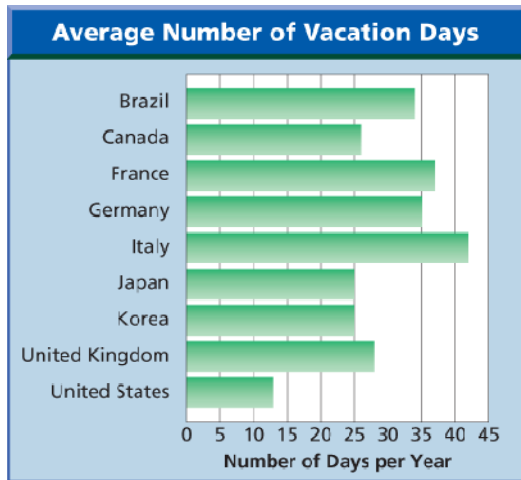
Make a bar graph of the data.

Solution

To construct a bar graph, choose and label an appropriate scale. Draw and label the bars. Write a title for the graph.

Average Number of Vacation Days in Selected Countries

Country	Average Number of Vacation Days
Brazil	34
Canada	26
France	37
Germany	35
Italy	42
Japan	25
Korea	25
United Kingdom	28
United States	13



Example 3

Construct a line graph for the data.

**Monthly Normal Temperature
Chicago, Illinois**

Month	Jan.	Feb.	Mar.	Apr.	May	June
Temperature (°F)	21	25	37	49	59	69

Month	July	Aug.	Sep.	Oct.	Nov.	Dec.
Temperature (°F)	73	72	64	53	40	27

Solution

To construct a line graph, draw and label the horizontal and vertical axes. Locate and mark the data points. Draw a straight line to connect the points. Write a title for the graph.

