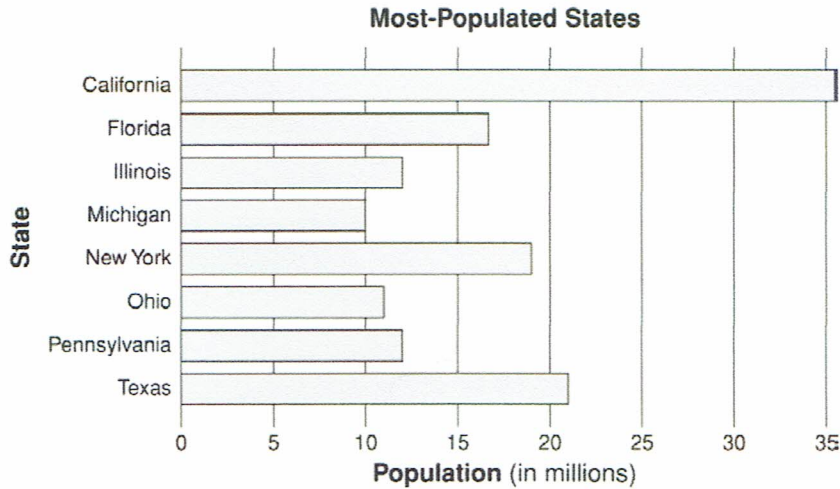


LESSON
5

Introduction to Algebra

Problem Solving: Addition Equations

Use the bar graph and addition equations to answer the questions.



1. How many more people live in California than in New York?
2. How many more people live in Ohio than in Michigan?
3. How many more people live in Florida than in Illinois?
4. How many more people live in Texas than in Pennsylvania?

Circle the letter of the correct answer.

5. Which two states' populations are used in the equation $12 + x = 12$?
 - A Pennsylvania and Texas
 - B Ohio and Florida
 - C Michigan and Illinois
 - D Illinois and Pennsylvania
6. What is the value of x in the equation in Exercise 5?
 - F 0
 - G 1
 - H 12
 - J 24
7. In 2003, the total population of the United States was 292 million. How many of those people did not live in one of the states shown on the graph?
 - A 416 million
 - B 73 million
 - C 154 million
 - D 292 million
8. The combined population of Ohio and one other state is the same as the population of Texas. What is that state?
 - F California
 - G Florida
 - H Michigan
 - J Pennsylvania