

# Additional Practice

## Homework #43 Front and Back

**Solve each equation. Check your answers.**

1.  $s + 3 = 23$

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2.  $v + 10 = 49$

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3.  $q + 9 = 16$

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4.  $81 + m = 90$

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5.  $38 + x = 44$

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6.  $28 + n = 65$

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7.  $t + 31 = 50$

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8.  $25 + p = 39$

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9.  $19 + v = 24$

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**Solve each equation. Check your answers.**

10.  $m + 8 = 17$

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11.  $r + 14 = 20$

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12.  $25 + x = 32$

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13.  $47 + p = 55$

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14.  $19 + d = 27$

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15.  $13 + n = 26$

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16.  $q + 12 = 19$

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17.  $34 + f = 43$

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18.  $52 + w = 68$

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19. Kenya bought 28 beads, and Nancy bought 25 beads. It takes 35 beads to make a necklace. Write and solve two addition equations to find how many more beads they each need to make a necklace.

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20. During a sales trip, Mr. Jones drove 15 miles east from Brownsville to Carlton. Then he drove several more miles east from Carlton to Sun City. The distance from Brownsville to Sun City is 35 miles. Write and solve an addition equation to find how many miles it is from Carlton to Sun City.

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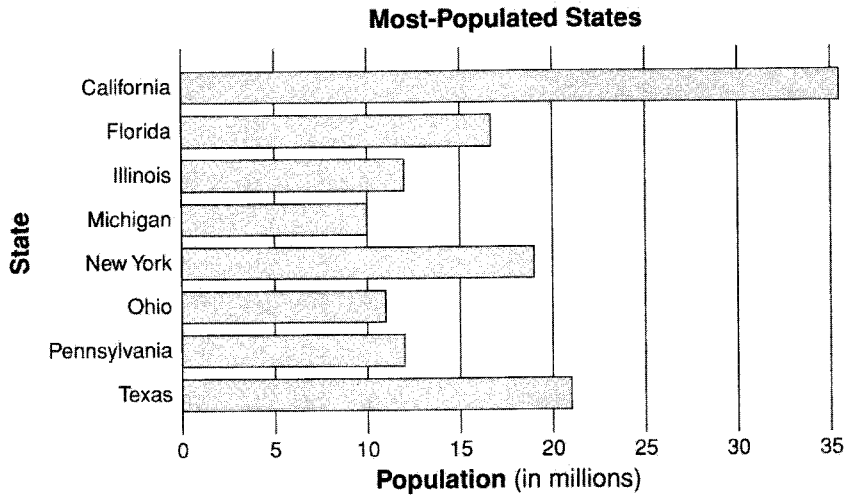
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# Problem Solving

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



1. How many more people live in California than in New York?

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2. How many more people live in Ohio than in Michigan?

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3. How many more people live in Florida than in Illinois?

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4. How many more people live in Texas than in Pennsylvania?

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**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

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

6. What is the value of  $x$  in the equation in Exercise 5?

- F 0
- G 1
- H 12
- J 24

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