

## LESSON

**Practice B****2-1****Solving Equations by Adding or Subtracting**

Solve each equation. Check your answers.

1.  $g - 7 = 15$

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2.  $t + 4 = 6$

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3.  $13 = m - 7$

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4.  $x + 3.4 = 9.1$

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5.  $n - \frac{3}{8} = \frac{1}{8}$

\_\_\_\_\_

6.  $p - \frac{1}{3} = \frac{2}{3}$

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7.  $-6 + k = 32$

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8.  $7 = w + 9.3$

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9.  $8 = r + 12$

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10.  $y - 57 = -40$

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11.  $-5.1 + b = -7.1$

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12.  $a + 15 = 15$

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13. Marietta was given a raise of \$0.75 an hour, which brought her hourly wage to \$12.25. Write and solve an equation to determine Marietta's hourly wage before her raise. Show that your answer is reasonable.

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14. Brad grew  $4\frac{1}{4}$  inches this year and is now  $56\frac{7}{8}$  inches tall. Write and solve an equation to find Brad's height at the start of the year. Show that your answer is reasonable.

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15. Heather finished a race in 58.4 seconds, which was 2.6 seconds less than her practice time. Write and solve an equation to find Heather's practice time. Show that your answer is reasonable.

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16. The radius of Earth is 6378.1 km, which is 2981.1 km longer than the radius of Mars. Write and solve an equation to determine the radius of Mars. Show that your answer is reasonable.

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