

Name \_\_\_\_\_ Date \_\_\_\_\_ Class \_\_\_\_\_

## LESSON

3-3

**Subtracting Rational Numbers****Practice and Problem Solving: C**

Find each difference.

1.  $-3\frac{1}{3} - 5\frac{2}{3} - \left(-2\frac{1}{3}\right)$

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2.  $3\frac{3}{7} - 1\frac{2}{3} - \frac{5}{7}$

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3.  $-\frac{1}{10} - 4\frac{3}{5} - 5\frac{3}{10}$

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4.  $-1.5 - 4.9 - 0.8$

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5.  $-\frac{1}{12} - 3\frac{3}{8} - \left(-\frac{4}{3}\right)$

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6.  $-9.54 - 1.651 - 0.988$

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7.  $-\frac{5}{6} - \frac{17}{18} - \left(-\frac{2}{9}\right)$

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8.  $-0.03 - (-5.51) - 5.12$

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9.  $-1.099 - 12.001 - 0.09$

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10.  $-1.02 - 1.99 - 1.34$

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11.  $-1.65 - (-0.45) - (-0.15)$

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12.  $-3\frac{1}{2} - \left(-5\frac{5}{9}\right) - 9\frac{1}{18}$

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**Solve.**

13. If
- $x$
- equals
- $8 - (-2.25)$
- and
- $y$
- equals
- $6 - 4.2 - (-4.9)$
- , what is the value of
- $x - y$
- ?

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14. Alex's score for a game is given by the expression
- $9 - 8.2 - (-1.9)$
- . Beth's score for the same game is
- $-8 - (-5.4) - 1.8$
- . Whose score was higher? By how much?

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15. The temperature on Monday was
- $14^{\circ}\text{C}$
- . On Tuesday the temperature decreased by
- $5^{\circ}$
- . On Wednesday the temperature decreased another
- $10^{\circ}$
- . On Thursday the temperature increased by
- $8^{\circ}$
- . What was the temperature at the end of the day on Thursday?

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