

LESSON

1-4

Subtracting Rational Numbers**Practice and Problem Solving: C****Find each difference.**

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

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

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

4. $-1.5 - 4.9 - 0.8$

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

6. $-9.54 - 1.651 - 0.988$

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

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

9. $-1.099 - 12.001 - 0.09$

10. $-1.02 - 1.99 - 1.34$

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

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

Solve.

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

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?

15. The temperature on Monday was
- 14°C
- . On Tuesday the temperature decreased by
- 5°
- . On Wednesday the temperature decreased another
- 10°
- . On Thursday the temperature increased
- 8°
- . What was the temperature at the end of the day on Thursday?
