Module 5   **Decimal Operations, Exponents, and Powers**
Lesson 3   **Adding and Subtracting Decimals**

Estimate.

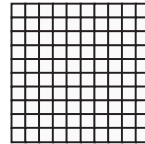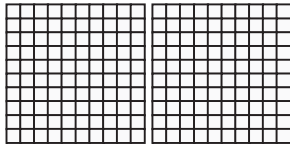**1.** $12.22 + $15.88   **2.** $7.75 + $0.98   **3.** $55.34 − $4.90

Find the sum using a model.

4. 0.92 + 1.01   **5.** 0.5 + 0.22

Find the sum.

6. 6.06 + 0.003   **7.** 4.31 + 9.2   **8.** 56.249 + 4.404

Find the difference using a model.

9. 0.41 − 0.12
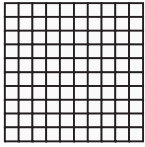
10. 1.32 − 0.7
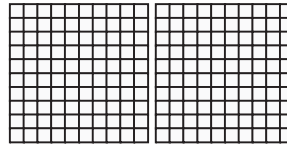
Find the difference.

11. 43.01 − 5.5

12. 57.41 − 45.985

13. 407 − 201.881

Journal

1. Nina has $15 and wants to buy items costing $9.75, $2.19, and $3.10. Should she use an estimate to figure out if she can afford to buy the items? Explain.

2. Tell how to find the sum of 3.05 and 0.2 without using a model.

3. Explain how to subtract 0.2 from 0.75 using a model.

4. In which of the following two problems is it necessary to write in the zero in the hundredths place? Explain why. Then solve each problem.

$$\begin{array}{r} 3.2 \\ -1.93 \\ \hline \end{array} \qquad \begin{array}{r} 3.23 \\ -1.9 \\ \hline \end{array}$$

Independent Practice

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Cumulative Review

1. **Round to the nearest whole number.**

   4.66

2. **Round to the nearest tenth.**

   2.811

3. **Round to the nearest hundredth.**

   0.2780

4. **Round to the nearest thousandth.**

   0.1094

Use <, >, or = to compare each pair of decimals.

5. 0.2018 and 0.2108

6. -5.76 and $-5\dfrac{3}{4}$

7. 8.1 and 81%

8. 1.440 and 1.44

Order each set of numbers from least to greatest.

9. 0.51, -0.51, -0.49, $\dfrac{6}{12}$

10. -0.03, -0.12, -0.5, $-\dfrac{2}{8}$

11. A math quiz has 24 questions. Jada has four questions wrong. Li has 18 questions right. Sasha has 75% of the questions correct. Which two students have the same number of correct answers?

Additional Work Area