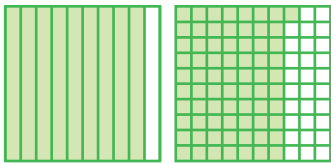


☆ Guided Practice*

Do You Understand?

1. Suppose Jana collected another $\frac{25}{100}$ of their goal. What fraction of the goal have they now collected?
2. Write a problem that represents the addition shown below, then solve.



Do You Know How?

For **3–8**, add the fractions.

3. $\frac{3}{10} + \frac{4}{100}$
4. $\frac{71}{100} + \frac{5}{10}$
5. $\frac{4}{100} + \frac{38}{10}$
6. $\frac{90}{100} + \frac{1}{10}$
7. $\frac{8}{10} + \frac{1}{10} + \frac{7}{100}$
8. $\frac{38}{100} + \frac{4}{10} + \frac{2}{10}$

☆ Independent Practice ☆

Leveled Practice For **9–23**, add the fractions.

$$9. \frac{21}{100} + \frac{2}{10} = \frac{21}{100} + \frac{\square}{100}$$

$$10. \frac{\square}{10} + \frac{68}{100} = \frac{30}{100} + \frac{68}{100}$$

$$11. \frac{4}{10} + \frac{60}{100} = \frac{\square}{10} + \frac{\square}{10}$$

$$12. \frac{32}{100} + \frac{28}{100} + \frac{6}{10}$$

$$13. \frac{11}{10} + \frac{41}{100}$$

$$14. \frac{72}{100} + \frac{6}{10}$$

$$15. \frac{5}{10} + \frac{3}{10} + \frac{18}{100}$$

$$16. \frac{7}{100} + \frac{6}{10}$$

$$17. \frac{9}{10} + \frac{4}{100}$$

$$18. \frac{30}{100} + \frac{5}{10}$$

$$19. \frac{39}{100} + \frac{2}{10}$$

$$20. \frac{8}{10} + \frac{9}{100}$$

$$21. \frac{44}{100} + \frac{34}{100} + \frac{9}{10}$$

$$22. \frac{70}{10} + \frac{33}{100}$$

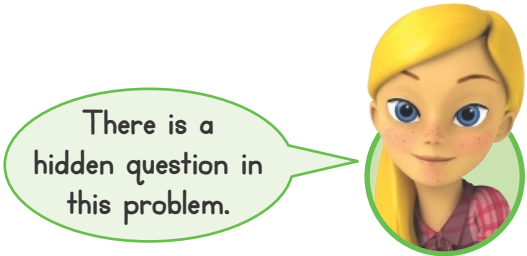
$$23. \frac{28}{10} + \frac{72}{10} + \frac{84}{100}$$

*For another example, see Set D on page 472.

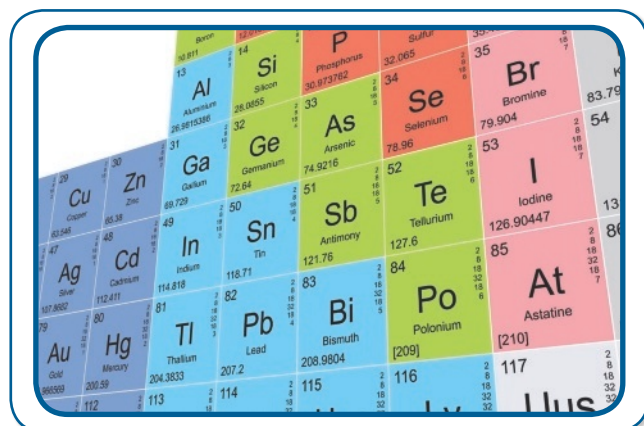
Problem Solving

24. **Algebra** A mail carrier made a total of 100 deliveries in a day. $\frac{76}{100}$ of the deliveries were letters, $\frac{2}{10}$ were packages, and the rest were postcards. Write and solve an equation to find the fraction that represents how many of the deliveries were letters and packages.

25. **Make Sense and Persevere** Balloons are sold in bags of 30. There are 5 giant balloons in each bag. How many giant balloons will you get if you buy 120 balloons? Explain.



26. **Higher Order Thinking** Of the first 100 elements on the periodic table, $\frac{13}{100}$ were discovered in ancient times, and $\frac{21}{100}$ were discovered in the Middle Ages. Another $\frac{5}{10}$ were discovered in the 1800s. What fraction of the first 100 elements was discovered *after* the 1800s? Explain.



Assessment Practice

27. Delia hiked $\frac{7}{10}$ mile one day and $\frac{67}{100}$ mile the next. She wanted to know how far she hiked in all. Her work is shown below.

$$\begin{array}{r} 7 \quad 67 \\ 10 \quad 100 \\ \hline 70 \quad 67 = 137 \\ 100 \quad 100 \quad 100 \end{array}$$

Is Delia's work correct? Explain. 4.NF.3.5