

## Another Example

Sometimes you may have to rename a whole number to subtract.

Find the difference of  $6 - 2\frac{3}{8}$ .

$$\begin{array}{r}
 6 \longrightarrow \text{rename} \longrightarrow 5\frac{8}{8} \\
 - 2\frac{3}{8} \\
 \hline
 3\frac{5}{8}
 \end{array}$$

## ☆ Guided Practice\*

### Do You Understand?

- In the example above, why do you need to rename the 6?
- MP.2 Reasoning** In the example on page 426, could two golf balls fall into the hole at the same time? Explain your reasoning.

### Do You Know How?

In 3–6, estimate and then find each difference.

$$\begin{array}{r}
 3. \quad 7\frac{2}{3} = 7\frac{\square}{6} = 6\frac{\square}{6} \\
 - 3\frac{5}{6} = 3\frac{\square}{6} = 3\frac{\square}{6} \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 4. \quad 5 = \square\frac{\square}{4} \\
 - 2\frac{3}{4} = 2\frac{3}{4} \\
 \hline
 \end{array}$$

$$5. \quad 6\frac{3}{10} - 1\frac{4}{5}$$

$$6. \quad 9\frac{1}{3} - 4\frac{3}{4}$$

## ☆ Independent Practice ☆

In 7–18, estimate and then find each difference.

$$\begin{array}{r}
 7. \quad 8\frac{1}{4} = 8\frac{\square}{8} = 7\frac{\square}{8} \\
 - 2\frac{7}{8} = 2\frac{\square}{8} = 2\frac{\square}{8} \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 8. \quad 3\frac{1}{2} = 3\frac{\square}{6} \\
 - 1\frac{1}{3} = 1\frac{\square}{6} \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 9. \quad 4\frac{1}{8} \\
 - 1\frac{1}{2} \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 10. \quad 6 \\
 - 2\frac{4}{5} \\
 \hline
 \end{array}$$

Remember to check that your answer makes sense by comparing it to the estimate.



$$11. \quad 6\frac{1}{3} - 5\frac{2}{3}$$

$$12. \quad 9\frac{1}{2} - 6\frac{3}{4}$$

$$13. \quad 8\frac{3}{16} - 3\frac{5}{8}$$

$$14. \quad 7\frac{1}{2} - \frac{7}{10}$$

$$15. \quad 15\frac{1}{6} - 4\frac{3}{8}$$

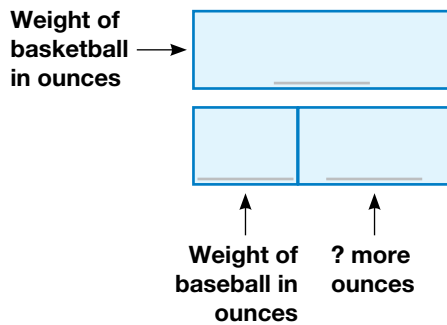
$$16. \quad 13\frac{1}{12} - 8\frac{1}{4}$$

$$17. \quad 6\frac{1}{3} - 2\frac{3}{5}$$

$$18. \quad 10\frac{5}{12} - 4\frac{7}{8}$$

# Math Practices and Problem Solving

19. **MP.4 Model with Math** The average weight of a basketball is  $21\frac{1}{10}$  ounces. The average weight of a baseball is  $5\frac{1}{4}$  ounces. How many more ounces does the basketball weigh? Write the missing numbers in the diagram.

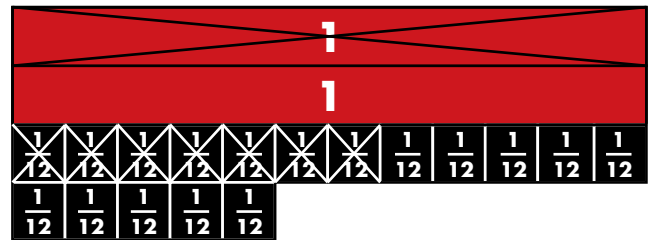


20. **Math and Science** The smallest mammals on Earth are the bumblebee bat and the Etruscan pygmy shrew. The length of a certain bumblebee bat is  $1\frac{9}{50}$  inches. The length of a certain Etruscan pygmy shrew is  $1\frac{21}{50}$  inches. How much smaller is the bat than the shrew?

21. **MP.6 Be Precise** How are the purple quadrilateral and the green quadrilateral alike? How are they different?



22. **Higher Order Thinking** Sam used the model to find  $2\frac{5}{12} - 1\frac{7}{12}$ . Did Sam model the problem correctly? Explain. If not, show how the problem should have been modeled and find the difference.



## Common Core Assessment

23. Choose the correct number from the box below to complete the subtraction sentence that follows.

1 2 3 4 5

$$3\frac{5}{8} - 1\frac{\square}{4} = 2\frac{3}{8}$$

24. Choose the correct number from the box below to complete the subtraction sentence that follows.

2 4 5 10 15

$$14\frac{1}{10} - 3\frac{1}{\square} = 10\frac{3}{5}$$