Represent Subtraction with Unlike Denominators

Use fraction strips to find the difference.

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

$\frac{1}{2} - \frac{1}{3} = \frac{3}{6} - \frac{2}{6} = \frac{1}{6}$

$\frac{1}{6}$

2. $\frac{3}{4} - \frac{3}{8}$

3. $\frac{7}{8} - \frac{1}{2}$

4. $\frac{1}{2} - \frac{1}{5}$

5. $\frac{2}{3} - \frac{1}{4}$

6. $\frac{4}{5} - \frac{1}{2}$

7. $\frac{3}{4} - \frac{1}{3}$

8. $\frac{5}{8} - \frac{1}{2}$

9. $\frac{7}{10} - \frac{1}{2}$

Problem Solving Real World

10. Amber had $\frac{3}{8}$ of a cake left after her party. She wrapped a piece that was $\frac{1}{4}$ of the original cake for her best friend. What fractional part did she have left for herself?

11. Wesley bought $\frac{1}{2}$ pound of nails for a project. When he finished the project, he had $\frac{1}{4}$ pound of nails left. How many pounds of nails did he use?

12. **WRITE** *Math* Explain how modeling subtraction with fraction strips is different from modeling addition with fraction strips.

Lesson Check

13. A meatloaf recipe calls for $\frac{7}{8}$ cup of bread crumbs for the loaf and the topping. If $\frac{3}{4}$ cup is used for the loaf, what fraction of a cup is used for the topping?

14. Jamariah bought $\frac{3}{4}$ yard of felt for a project. She used $\frac{1}{8}$ yard. What fraction of a yard of felt did she have left over?

Spiral Review

15. Jasmine's race time was 34.287 minutes. Round her race time to the nearest tenth of a minute.

16. The Art Club is having a fundraiser, and 198 people are attending. If 12 people can sit at each table, what is the least number of tables needed?

17. During the day, Sam spent $4.85 on lunch. He also bought 2 books for $7.95 each. At the end of the day, he had $8.20 left. How much money did he start with?

18. What is the product of 7.5 and 1,000?