NAME_____

Module 6 **Computational Fluency of Fractions**
Lesson 3 **Subtracting Fractions with Unlike Denominators**

Additional Practice 6.3

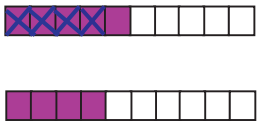
Model using fraction bars.

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

$\frac{1}{2} = \frac{5}{10}$

$\frac{2}{5} = \frac{4}{10}$

$\frac{1}{10}$



2. $\frac{2}{3} - \frac{4}{6}$

$\frac{2}{3} = \frac{4}{6}$

$\frac{4}{6}$

0

Evaluate the expression.

3. $\frac{4}{5} - \frac{7}{10}$

$\frac{1}{10}$

4. $\frac{5}{6} - \frac{2}{3}$

$\frac{1}{6}$

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

$\frac{7}{12}$

6. $\frac{1}{2} - \frac{1}{14}$

$\frac{3}{7}$

7. $\frac{10}{14} - \frac{5}{12}$

$\frac{25}{84}$

8. $\frac{5}{11} - \frac{1}{4}$

$\frac{9}{44}$

9. $\frac{5}{8} - \frac{2}{9}$

$\frac{29}{72}$

10. $\frac{11}{13} - \frac{2}{3}$

$\frac{7}{39}$

11. $\frac{7}{12} - \frac{3}{16}$

$\frac{19}{48}$

12. Helen filled a bucket of water $\frac{6}{10}$ full. Her brother dumped some out while she was not looking. Now, her bucket is $\frac{1}{4}$ full. What fraction of the bucket did Helen's brother pour out?

He poured out $\frac{7}{20}$ of the bucket.

13. On a scale drawing, a line $\frac{7}{8}$ inch long was drawn. It was too long, so $\frac{1}{16}$ inch of the line was erased. How long is the line now?

The line is $\frac{13}{16}$ inch long.

14. In one afternoon, Branson painted $\frac{2}{5}$ of a fence while his brother painted $\frac{3}{8}$ of the fence. What fraction more of the fence did Branson paint than his brother?

Branson painted $\frac{1}{40}$ more of the fence.

15. William inherited $\frac{2}{3}$ of a stamp collector's set. He bought $\frac{1}{4}$ more of the set. Later, he gave $\frac{1}{2}$ of the set to his nephews. What fraction of the set does he still have?

William has $\frac{5}{12}$ of the set.