NAME_____

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

Independent Practice 6.3

Model using fraction bars.

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

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

Evaluate the expression.

3. $\frac{8}{9} - \frac{1}{3}$

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

5. $\frac{10}{12} - \frac{5}{18}$

6. $\frac{9}{10} - \frac{4}{5}$

7. $\frac{3}{4} - \frac{1}{9}$

8. $\frac{4}{5} - \frac{2}{7}$

9. $\frac{17}{20} - \frac{3}{8}$

10. $\frac{5}{6} - \frac{3}{10}$

11. $\frac{5}{16} - \frac{1}{12}$

12. Nestor took $\frac{7}{8}$ gallon of water to football practice. When he came back home, he had only $\frac{1}{16}$ gallon left. What part of a gallon of water did Nestor drink at practice?

13. Coach Fields told John to run $\frac{3}{4}$ mile. So far, John has run $\frac{1}{8}$ mile. How much farther must John run?

14. Sally put $\frac{2}{3}$ cup of walnuts into a bowl to make cookies. Then, she added another $\frac{1}{4}$ cup of walnuts. Her mom decided this was probably too many walnuts and removed $\frac{1}{8}$ cup of the walnuts. How many walnuts were used in the cookies?

15. Moriah bought a plant that was $\frac{9}{10}$ meter tall. She cut off the top $\frac{1}{3}$ meter of the plant. Since then, the plant has grown $\frac{1}{4}$ meter. What is the height of Moriah's plant now?

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Journal

1. Explain how to subtract $\frac{1}{2}-\frac{1}{8}$ using fraction bars.

2. Explain why the difference of two proper fractions will never be greater than one.

3. Explain how to subtract $\frac{5}{12}-\frac{1}{6}$ without a model.

Cumulative Review

Find the LCM of each pair of numbers.

1. 4 and 16

2. 3 and 5

3. 6 and 20

Evaluate the expression.

4. $\frac{3}{10}-\frac{1}{10}$

5. $\frac{7}{9}-\frac{1}{9}$

6. $\frac{3}{5}+\frac{4}{5}$

7. $\frac{1}{4}+\frac{11}{20}$

8. $\frac{5}{7}+\frac{5}{8}$

9. $\frac{1}{30}+\frac{3}{4}$

Model using 6 × 4 egg cartons.

10. $\frac{1}{8}+\frac{7}{12}$

Additional Work Area