

NAME \_\_\_\_\_

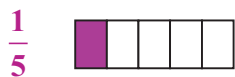
Module 6 Computational Fluency of Fractions  
Lesson 3 Subtracting Fractions with Unlike Denominators

Set 1

Model using fraction bars.

1

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



$$\frac{7}{15}$$

2

$$\frac{7}{8} - \frac{3}{4}$$



$$\frac{1}{8}$$

Set 2

1

Georgio and Emile started hiking up the mountain at the beginning of Moon Rock Peak Trail. Georgio hiked  $\frac{5}{6}$  mile up the trail. Emile hiked  $\frac{2}{3}$  mile up the trail. How much farther did Georgio hike?

$$\begin{array}{r} \frac{5}{6} - \frac{2}{3} \\ \frac{5}{6} - \frac{2 \cdot 2}{3 \cdot 2} \\ \frac{5}{6} - \frac{4}{6} \\ \frac{5-4}{6} \\ \frac{1}{6} \end{array}$$

Georgio hiked  $\frac{1}{6}$  mile farther.

2

Kevin and Kelly are reading *Number the Stars* by Lois Lowry. Kevin has read  $\frac{3}{8}$  of the book, and Kelly has read  $\frac{1}{10}$  of the book. How much more of the book has Kevin read?

$$\begin{array}{r} \frac{3}{8} - \frac{1}{10} \\ \frac{3 \cdot 5}{8 \cdot 5} - \frac{1 \cdot 4}{10 \cdot 4} \\ \frac{15}{40} - \frac{4}{40} \\ \frac{15-4}{40} \\ \frac{11}{40} \end{array}$$

Kevin has read  $\frac{11}{40}$  more of the book.

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

**Evaluate.**



$$\frac{13}{16} - \frac{5}{12}$$

$$\begin{array}{r} \frac{13}{16} - \frac{5}{12} \\ \frac{13 \cdot 3}{16 \cdot 3} - \frac{5 \cdot 4}{12 \cdot 4} \\ \frac{39}{48} - \frac{20}{48} \\ \frac{39 - 20}{48} \\ \frac{19}{48} \end{array}$$

