Subtraction Involving Mixed Numbers
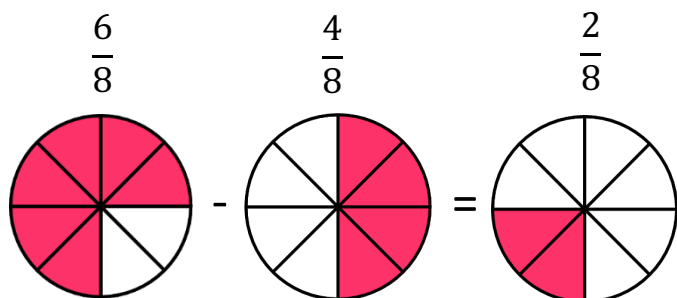
Guided Notes - SE   **Math 4**

Review: Subtracting Fractions with Like Denominators

Subtract the _____

Keep the same _____

$$\frac{6}{8} \qquad \frac{4}{8} \qquad \frac{2}{8}$$

Subtraction Involving Mixed Numbers

We can subtract mixed numbers by following these steps:

1. Write the mixed numbers as the _____ + the _____

2. _____ the whole numbers

3. _____ the fractions

4. Combine the _____ of the whole numbers and the _____ of the

   fractions to form a _____

Subtraction Involving Mixed Numbers

Guided Notes - SE **Math 4**

Example: $5\frac{6}{7} - 3\frac{2}{7}$

Step 1: $5\frac{6}{7} = 5 + \frac{6}{7}$ and $3\frac{2}{7} = 3 + \frac{2}{7}$ so $5\frac{6}{7} - 3\frac{2}{7} =$

Step 2: $5 - 3 =$

Step 3: $\frac{6}{7} - \frac{2}{7} =$

Step 4: $5\frac{6}{7} - 3\frac{2}{7} =$
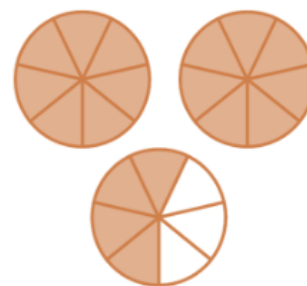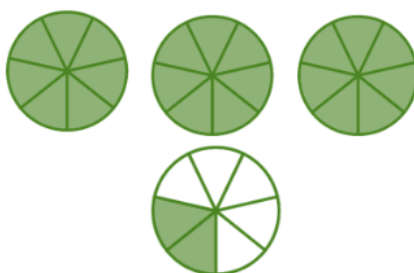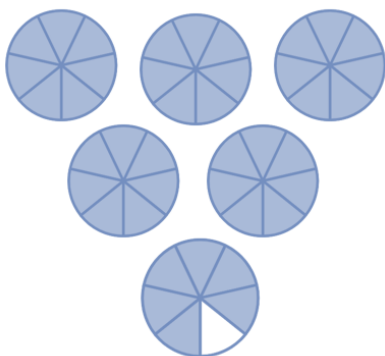
Subtraction Involving Mixed Numbers using Models

$5\frac{6}{7}$ $-$ $3\frac{2}{7}$ $=$ $2\frac{4}{7}$

Subtraction Involving Mixed Numbers

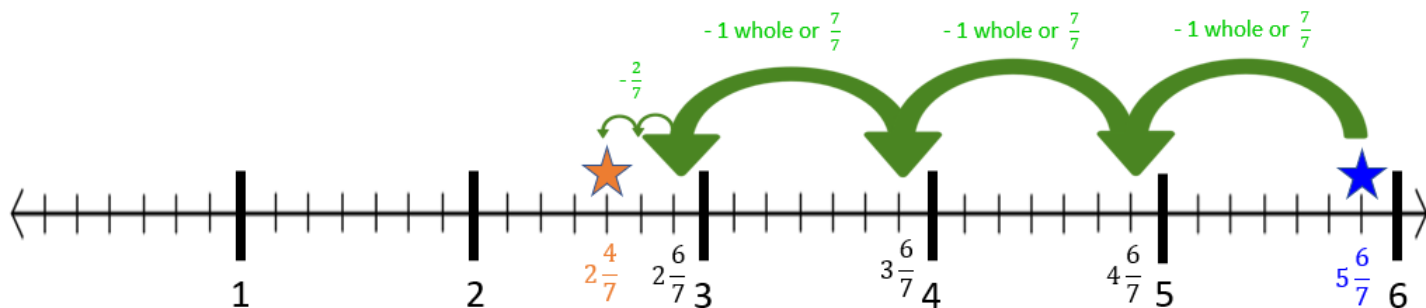Guided Notes - SE   **Math 4**

Subtraction Involving Mixed Numbers using Number Lines

$$5\frac{6}{7} \qquad - \qquad 3\frac{2}{7} \qquad = \qquad 4\frac{6}{7}$$

Start at _____

Subtract _____ wholes

Subtract_____

$5\frac{6}{7}$ - 1 whole or $\frac{7}{7} = 4\frac{6}{7}$ - 1 whole or $\frac{7}{7} = 3\frac{6}{7}$ - 1 whole or $\frac{7}{7} =$
$2\frac{6}{7} - \frac{1}{7} - \frac{1}{7} = 2\frac{4}{7}$

Let's Practice: Subtraction Involving Mixed Numbers

$$3\frac{3}{8} - 2\frac{1}{8} =$$

$$4\frac{11}{12} - 2\frac{8}{12} =$$