



# Different Ways to Subtract

Let's subtract fractions and mixed numbers.

## Warm-up

### Number Talk: Mixed-Number Addition and Subtraction

Find the value of each expression mentally.

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

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

- $1\frac{5}{8} + \frac{6}{8}$

- $1\frac{5}{8} - \frac{6}{8}$



## Activity 1

### Challenging Differences

1. Circle all of the expressions that are equivalent to  $3\frac{5}{8}$ . Explain or show your reasoning.

- $\frac{20}{8}$
- $2\frac{13}{8}$
- $3\frac{10}{16}$

2. Find the value of each expression. Explain or show your reasoning.

- $3\frac{5}{8} - \frac{3}{16}$

- $3\frac{5}{8} - 1\frac{15}{16}$

- $3\frac{5}{8} - 1\frac{12}{16}$

## Activity 2

### Find the Difference

Find the value of each difference. Explain or show your reasoning.

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

2.  $3\frac{1}{2} - \frac{10}{4}$

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

