# 4.NF.3ab Subtract Mixed Numbers with Like-denominators

I can subtract mixed numbers with like-denominators.

## LINGO

### Like-denominators

Fractions that are added or subtracted with the same denominator.

$$\frac{3}{8} \quad \frac{5}{8} \quad \frac{7}{8}$$

### simplify

Make the fraction as simple as possible.

$$\frac{4}{8}$$
$$\frac{1}{2}$$

## HOW

1. <u>If the numerators are ready to subtract</u>, then you are ready to subtract as normal by starting with the whole numbers and then subtracting the numerators. Keep the same denominator.
2. If the numerator that is subtracted is larger than the numerator you are subtracting from, change the mixed number into an improper fraction.
3. Subtract the numerators. Keep the denominators the same.
4. Simplify (reduce) the fraction, if possible.
5. If you end up with an improper fraction, change it to a mixed number.

## PRACTICE

Subtract these mixed numbers

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

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

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Subtract these mixed numbers

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

$$- 2 \frac{5}{10}$$

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