Adding and Subtracting Fractions with Unlike Denominators
(5.NF.A.1)

To add or subtract fractions you may first need to create **equivalent fractions**. An equivalent fraction is created when both the numerator and denominator are multiplied or divided by the same number. In order to add or subtract fraction the denominators must be the same.

If your students…

Misconception #1: Add or subtract as if the numerator and denominator are separate numbers:

      WATCH: Fractions – Adding and Subtracting

https://www.youtube.com/watch?v=yq12GE3U8bU

Misconception #2: Create an incorrect equivalent fraction before adding or subtracting:

      WATCH: Equivalent Fractions

https://www.khanacademy.org/math/pre-algebra/fractions-pre-alg/equivalent-fractions-pre-alg/v/equivalent-fractions

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For extra practice with adding and subtracting fractions with unlike denominators:

      PLAY: Football Fractions

      https://www.opened.com/game/football-fractions/196330

      PLAY: Thinking Blocks

      https://www.opened.com/game/thinking-blocks-model-and-solve-word-problems/394584