

Title **NF 1 & 2 Add/Subtract Unlike Fractions**

Videos Adding: <https://www.youtube.com/watch?v=bcCLKACsYJO> (English)  
 Subtracting: <https://www.youtube.com/watch?v=2DPivVFCdqA> (English)  
 Finding a Common Denominator: <https://youtube/pZEmFSP3ZOI>

Anchor Chart

### Subtract Fractions with Unlike Denominators

$\frac{3}{4} - \frac{1}{3}$

$\frac{3}{4} = \frac{9}{12} \quad \frac{1}{3} = \frac{4}{12} \quad \frac{9}{12} - \frac{4}{12} = \frac{5}{12}$

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$\frac{3}{4} \times \frac{3}{3} = \frac{9}{12} \quad \frac{1}{3} \times \frac{4}{4} = \frac{4}{12} \quad \frac{9}{12} - \frac{4}{12} = \frac{5}{12}$

- Find a common denominator
- Change fractions so they have the same denominator
- Subtract the numerators

### Adding Fractions

$\frac{2}{7} + \frac{2}{3} = \frac{6}{21} + \frac{14}{21} = \frac{20}{21}$

$\frac{2}{7} + \frac{2}{3} \quad \frac{6}{21} + \frac{14}{21}$

7 wholes  $\times$  3 wholes = 21 wholes  
 Therefore  
 7 units  $\times$  3 units = 21 units  
 By multiplying the number of units in each model, we find a **Common Denominator**.