## How to Make COmmon Denominators

1. Use manipulatives to create equivalent fractions with the same denominators.

Example: $1 / 3$ + 1/2 =

| $\frac{1}{3}$ | $\frac{1}{3}$ | $\frac{1}{3}$ |
| :---: | :---: | :---: |


| $\frac{1}{2}$ | $\frac{1}{2}$ |
| :---: | :---: |


| $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |


| $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |

2. See if you can convert the fraction with the smaller denominator into an equivalent fraction with the same denominator as the other fraction.

Example: 2/3 + $1 / 6=$

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3. Multiply the denominators by each other to
create equivalent fractions with same denominator.
Don't forget to convert the numerators, as well.
Note: Only do this if it gives you a denominator less than 30.

Example: 2/4 + 1/6 =
4. List out the multiples for each denominator and choose the least common multiple as your denominator.

Example: 4/6-3/8 =

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Thanks!
Jennifer Findley


