# Adding Fractions with Denominators That Are Multiples of the Same Number 



## Adding Fractions

These fractions have denominators that are multiples of the same number.

$$
\frac{1}{2}+\frac{1}{4}=\frac{2}{4}+\frac{1}{4}=\frac{3}{4}
$$

To add, convert the fractions into equivalent fractions with the same denominator. Then add the numerators.


## Adding Fractions

Add these fractions.

$$
\frac{2}{5}+\frac{3}{10}=\frac{4}{10}+\frac{3}{10}=\frac{7}{10}
$$

## Adding Fractions

## Add these fractions.

$$
\frac{1}{3}+\frac{1}{6}=\frac{2}{6}+\frac{1}{6}=\frac{3}{6} \text { or } \frac{1}{2}
$$

## Adding Fractions

Add these fractions.

$$
\frac{5}{8}+\frac{1}{4}=\frac{5}{8}+\frac{2}{8}=\frac{7}{8}
$$

## Adding Fractions

Add these fractions.

$$
\frac{1}{5}+\frac{7}{10}=\frac{2}{10}+\frac{7}{10}=\frac{9}{10}
$$



## Adding Fractions

Add these fractions.

$$
\frac{2}{3}+\frac{1}{12}=\frac{8}{12}+\frac{1}{12}=\frac{9}{12} \text { or } \frac{3}{4}
$$



