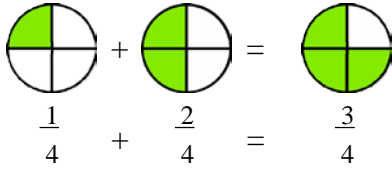


Adding Fractions and Mixed Numbers 1



It is easy to add fractions that have the same kinds of parts. To add $\frac{1}{4}$ and $\frac{2}{4}$, think of the pie pieces. One fourth means one piece, and two fourths means two pieces. In total we have three pieces, and they are fourths. So, the answer is $\frac{3}{4}$.



$$\frac{7}{8} + \frac{6}{8} = \frac{13}{8} = 1\frac{5}{8}$$

In this picture we have *shaded* (added) **seven** slices and then another **six** slices. All the slices are **eighth parts** so we can just count how many eighths we get: 13 eighths.

But that makes **more than one whole pie**, so the answer is given as a *mixed number*.

1. Write an addition sentence.

<p>a. + </p> $\frac{2}{5} + \frac{2}{5} = \frac{\quad}{\quad}$	<p>b. + </p>	<p>c. + </p>
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2. Shade parts. Then write an addition sentence. Look at the example.

<p>a. Shade $\frac{1}{6}$, then $\frac{3}{6}$. </p> $\frac{1}{6} + \frac{3}{6} = \frac{4}{6}$	<p>b. Shade $\frac{2}{8}$, then $\frac{5}{8}$. </p>
<p>c. Shade $\frac{3}{12}$, then $\frac{5}{12}$, then $\frac{2}{12}$. </p>	<p>d. Shade $\frac{1}{10}$, then $\frac{3}{10}$, then $\frac{4}{10}$. </p>
<p>e. Shade $\frac{3}{8}$, then $\frac{7}{8}$. </p>	<p>f. Shade $\frac{3}{4}$, then $\frac{3}{4}$. </p>