

Lesson 67 1 of 8

Adding and subtracting fractions

You can think of fractional parts as pieces. They can be added or subtracted.

- ① How many fourths are there in two wholes?

$$\begin{array}{|c|c|} \hline \frac{1}{4} & \frac{1}{4} \\ \hline \frac{1}{4} & \frac{1}{4} \\ \hline \end{array} + \begin{array}{|c|c|} \hline \frac{1}{4} & \frac{1}{4} \\ \hline \frac{1}{4} & \frac{1}{4} \\ \hline \end{array} = \boxed{\begin{array}{c} 4 \\ \text{fourths} \end{array}} + \boxed{\begin{array}{c} 4 \\ \text{fourths} \end{array}} = 8 \text{ fourths}$$

- ② How many sixths are there in three wholes?

$$\begin{array}{|c|c|c|c|c|c|} \hline & & & & & & \\ \hline \end{array} + \begin{array}{|c|c|c|c|c|c|} \hline & & & & & & \\ \hline \end{array} + \begin{array}{|c|c|c|c|c|c|} \hline & & & & & & \\ \hline \end{array} = 6 \text{ sixths} + 6 \text{ sixths} + 6 \text{ sixths} = 18 \text{ sixths}$$

③ 3 fourths - 2 fourths = 1 fourth



④ 5 sixths - 2 sixths = 3 sixths



⑤
$$\begin{array}{r} 4 \text{ sevenths} \\ + 2 \text{ sevenths} \\ \hline 6 \text{ sevenths} \end{array}$$

⑥
$$\begin{array}{r} 4 \text{ eighths} \\ - 3 \text{ eighths} \\ \hline 1 \text{ eighth} \end{array}$$

⑦
$$\begin{array}{r} 4 \text{ fifths minus} \\ 2 \text{ fifths} \\ \hline \end{array}$$

⑧
$$\begin{array}{r} 3 \text{ tenths plus} \\ 4 \text{ tenths} \\ \hline \end{array}$$

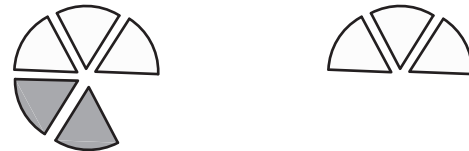
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Adding and subtracting fractions

③ 3 fourths - 2 fourths = 1 fourth



④ 5 sixths - 2 sixths = 3 sixths



⑤
$$\begin{array}{r} 4 \text{ sevenths} \\ + 2 \text{ sevenths} \\ \hline 6 \text{ sevenths} \end{array}$$

⑥
$$\begin{array}{r} 4 \text{ eighths} \\ - 3 \text{ eighths} \\ \hline 1 \text{ eighth} \end{array}$$

⑦
$$\begin{array}{r} 4 \text{ fifths} \\ - 2 \text{ fifths} \\ \hline \end{array}$$

⑧
$$\begin{array}{r} 3 \text{ tenths plus} \\ 4 \text{ tenths} \\ \hline 3 \text{ tenths} \\ + 4 \text{ tenths} \end{array}$$

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Adding and subtracting fractions

③ 3 fourths - 2 fourths = 1 fourth



④ 5 sixths - 2 sixths = 3 sixths



⑤
$$\begin{array}{r} 4 \text{ sevenths} \\ + 2 \text{ sevenths} \\ \hline 6 \text{ sevenths} \end{array}$$

⑥
$$\begin{array}{r} 4 \text{ eighths} \\ - 3 \text{ eighths} \\ \hline 1 \text{ eighth} \end{array}$$

⑦
$$\begin{array}{r} 4 \text{ fifths} \\ - 2 \text{ fifths} \\ \hline 2 \text{ fifths} \end{array}$$

⑧
$$\begin{array}{r} 3 \text{ tenths} \\ + 4 \text{ tenths} \\ \hline 7 \text{ tenths} \end{array}$$

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Adding and subtracting fractions

Fill in the missing number.

⑨

$$\frac{3}{4} - \frac{2}{4} = \frac{\boxed{1}}{4}$$

⑩

$$\frac{3}{10} + \frac{4}{10} = \frac{\boxed{}}{10}$$

⑪

$$\frac{4}{8} - \frac{3}{8} = \frac{1}{\boxed{}}$$

⑫

$$\frac{5}{6} - \frac{2}{6} = \frac{\boxed{}}{6}$$

⑬

$$\frac{4}{7} + \frac{2}{7} = \frac{6}{\boxed{}}$$

⑭

$$\frac{4}{5} - \frac{2}{5} = \frac{\boxed{}}{5}$$

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Adding and subtracting fractions

Fill in the missing number.

⑨

$$\frac{3}{4} - \frac{2}{4} = \frac{\boxed{1}}{4}$$

⑩

$$\frac{3}{10} + \frac{4}{10} = \frac{\boxed{7}}{10}$$

⑪

$$\frac{4}{8} - \frac{3}{8} = \frac{1}{\boxed{8}}$$

⑫

$$\frac{5}{6} - \frac{2}{6} = \frac{\boxed{3}}{6}$$

⑬

$$\frac{4}{7} + \frac{2}{7} = \frac{6}{\boxed{7}}$$

⑭

$$\frac{4}{5} - \frac{2}{5} = \frac{\boxed{2}}{5}$$

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Adding and subtracting fractions

$\frac{12}{4}$ can be written as $\frac{10}{4} + \frac{2}{4}$. It can also be written as $\frac{8}{4} + \frac{4}{4}$.

Choose the correct way to rewrite each of these fractions.
Circle the number before the correct answer.

Ⓐ $\frac{5}{6} =$

1. $\frac{2}{6} + \frac{3}{6}$

2. $\frac{9}{6} + \frac{3}{6}$

3. $\frac{2}{3} + \frac{3}{3}$

Ⓑ $\frac{4}{7} =$

4. $\frac{3}{4} + \frac{1}{3}$

5. $\frac{9}{7} - \frac{3}{7}$

6. $\frac{1}{7} + \frac{3}{7}$

Ⓒ $\frac{13}{10} =$

7. $\frac{2}{10} + \frac{2}{10} + \frac{9}{10}$

8. $\frac{12}{10} + \frac{1}{3}$

9. $\frac{17}{10} - \frac{3}{10}$

Lesson 67 8 of 8**Adding and subtracting fractions**

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1. $\frac{2}{6} + \frac{3}{6}$

2. $\frac{9}{6} + \frac{3}{6}$

3. $\frac{2}{3} + \frac{3}{3}$

Ⓑ $\frac{4}{7} =$

4. $\frac{3}{4} + \frac{1}{3}$

5. $\frac{9}{7} - \frac{3}{7}$

6. $\frac{1}{7} + \frac{3}{7}$

Ⓒ $\frac{13}{10} =$

7. $\frac{2}{10} + \frac{2}{10} + \frac{9}{10}$

8. $\frac{12}{10} + \frac{1}{3}$

9. $\frac{17}{10} - \frac{3}{10}$

Bonus Lesson Page