

# Fraction Addition

**Set out.** Fractions need equal-sized parts before you add. Find a common denominator, rename the fractions, then add the numerators.

SEE ONE

$$2/6 + 3/6 = 5/6$$

Fractions need equal-sized parts before you add. Find a common denominator, rename the fractions, then add the numerators.

$$2/6 + 3/6 = 5/6$$

TRY THE TRAIL

1

Find a common denominator.

2

Rename both fractions.

3

Add and simplify.

**Notice this:** The denominator names the size of the parts; do not add denominators.

**Ready?** Flip the page and use the same move on each problem.



# Fraction Addition

**Do:** Solve each problem. Use the picture or place-value setup when it is shown.

1

$$1/2 + 1/6 = \underline{\hspace{2cm}}$$

2

$$1/12 + 10/12 = \underline{\hspace{2cm}}$$

3

$$2/10 + 2/12 = \underline{\hspace{2cm}}$$

4

$$2/4 + 1/4 = \underline{\hspace{2cm}}$$

5

$$1/6 + 3/6 = \underline{\hspace{2cm}}$$

6

$$5/8 + 2/6 = \underline{\hspace{2cm}}$$

CHECK YOUR TRAIL SENSE

**Try this one without help.**

$$1/10 + 7/10 = \underline{\hspace{2cm}}$$
  

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One careful line at a time. Accuracy comes before speed.

**For the grown-up:** What equal-sized part can both fractions use? Rename first, then add. Keep the answers on the separate key page.



# Fraction Addition

**Keep going:** Complete all 24. Work straight down each column.

1

$$\frac{1}{3} + \frac{3}{12} = \underline{\hspace{2cm}}$$

5

$$\frac{1}{3} + \frac{1}{3} = \underline{\hspace{2cm}}$$

9

$$\frac{2}{3} + \frac{1}{5} = \underline{\hspace{2cm}}$$

13

$$\frac{1}{2} + \frac{2}{5} = \underline{\hspace{2cm}}$$

17

$$\frac{2}{12} + \frac{1}{12} = \underline{\hspace{2cm}}$$

21

$$\frac{1}{4} + \frac{7}{12} = \underline{\hspace{2cm}}$$

2

$$\frac{4}{6} + \frac{1}{6} = \underline{\hspace{2cm}}$$

6

$$\frac{3}{5} + \frac{1}{4} = \underline{\hspace{2cm}}$$

10

$$\frac{4}{10} + \frac{1}{6} = \underline{\hspace{2cm}}$$

14

$$\frac{1}{6} + \frac{2}{6} = \underline{\hspace{2cm}}$$

18

$$\frac{1}{2} + \frac{3}{10} = \underline{\hspace{2cm}}$$

22

$$\frac{1}{6} + \frac{1}{3} = \underline{\hspace{2cm}}$$

3

$$\frac{6}{10} + \frac{1}{4} = \underline{\hspace{2cm}}$$

7

$$\frac{3}{4} + \frac{1}{10} = \underline{\hspace{2cm}}$$

11

$$\frac{2}{10} + \frac{6}{10} = \underline{\hspace{2cm}}$$

15

$$\frac{1}{2} + \frac{1}{6} = \underline{\hspace{2cm}}$$

19

$$\frac{2}{8} + \frac{2}{10} = \underline{\hspace{2cm}}$$

23

$$\frac{1}{4} + \frac{2}{4} = \underline{\hspace{2cm}}$$

4

$$\frac{1}{4} + \frac{8}{12} = \underline{\hspace{2cm}}$$

8

$$\frac{2}{10} + \frac{2}{10} = \underline{\hspace{2cm}}$$

12

$$\frac{7}{10} + \frac{1}{12} = \underline{\hspace{2cm}}$$

16

$$\frac{2}{6} + \frac{2}{5} = \underline{\hspace{2cm}}$$

20

$$\frac{2}{6} + \frac{3}{6} = \underline{\hspace{2cm}}$$

24

$$\frac{2}{3} + \frac{1}{6} = \underline{\hspace{2cm}}$$

Steady repetition makes the next problem feel familiar.



# Fraction Addition

**Outcome:** Your child can add proper fractions and simplify the result.

**Readiness:** Start here if your child can name equivalent fractions and find a common denominator.

## GUIDED PAGE ANSWERS

1.  $\frac{2}{3}$       2.  $\frac{11}{12}$       3.  $\frac{11}{30}$       4.  $\frac{3}{4}$       5.  $\frac{2}{3}$       6.  $\frac{23}{24}$       Check.  $\frac{4}{5}$

## PRACTICE PAGE ANSWERS

1.  $\frac{7}{12}$       2.  $\frac{5}{6}$       3.  $\frac{17}{20}$       4.  $\frac{11}{12}$       5.  $\frac{2}{3}$       6.  $\frac{17}{20}$       7.  $\frac{17}{20}$       8.  $\frac{2}{5}$   
9.  $\frac{13}{15}$       10.  $\frac{17}{30}$       11.  $\frac{4}{5}$       12.  $\frac{47}{60}$       13.  $\frac{9}{10}$       14.  $\frac{1}{2}$       15.  $\frac{2}{3}$       16.  $\frac{11}{15}$   
17.  $\frac{1}{4}$       18.  $\frac{4}{5}$       19.  $\frac{9}{20}$       20.  $\frac{5}{6}$       21.  $\frac{5}{6}$       22.  $\frac{1}{2}$       23.  $\frac{3}{4}$       24.  $\frac{5}{6}$

## WATCH FOR

Your child adds both numerators and denominators.

## SAY THIS

“What equal-sized part can both fractions use? Rename first, then add.”

## NEXT USEFUL TRAIL

Integer Addition

Recipe addition.fraction-addition.b.v1 · Seed 23009



More free math:  
<https://madeforhomeschool.com/math/pages/fraction-addition>