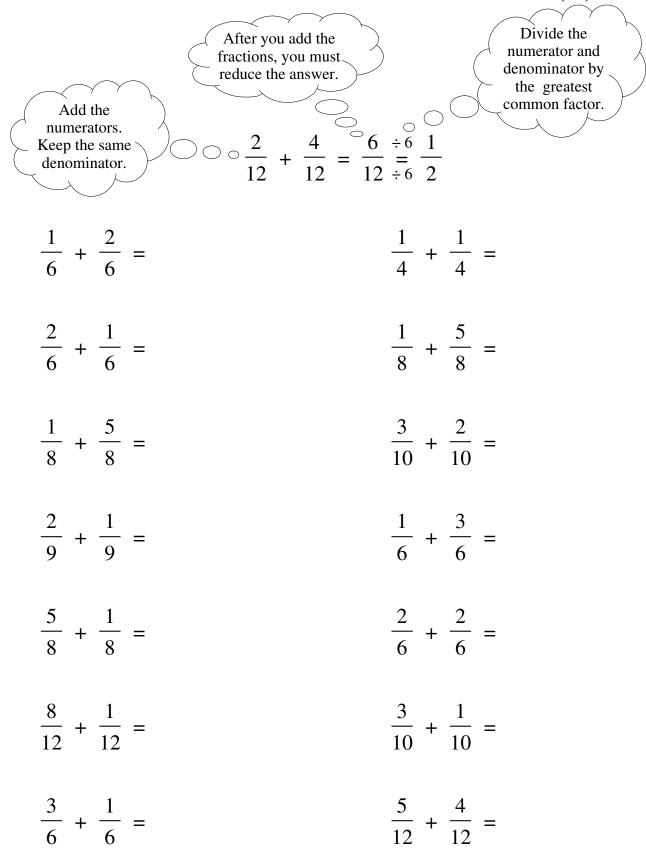
## Add Fractions With Like Denominators (A)



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## Add Fractions With Like Denominators (A) Answers

Note to teacher: All of the sums result in a fraction that requires reduction. None are improper fractions. Try using fraction strips or fraction circles as a manipulative.

Students should know how to reduce fractions before completing this worksheet.

$$\frac{2}{12} + \frac{4}{12} = \frac{6}{12} \div 6 \frac{1}{2}$$

$$\frac{1}{6} + \frac{2}{6} = \frac{3}{6} \div 3 \frac{1}{2}$$

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

$$\frac{2}{6} + \frac{1}{6} = \frac{3}{6} \div 3 \frac{1}{2}$$

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

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

$$\frac{1}{8} + \frac{5}{8} = \frac{6}{8} \div 2 \frac{3}{4}$$

$$\frac{1}{10} + \frac{2}{10} = \frac{5}{10} \div 5 \frac{1}{2}$$

$$\frac{2}{9} + \frac{1}{9} = \frac{3}{9} \div 3 \frac{1}{3}$$

$$\frac{1}{6} + \frac{3}{6} = \frac{4}{6} \div 2 \frac{2}{3}$$

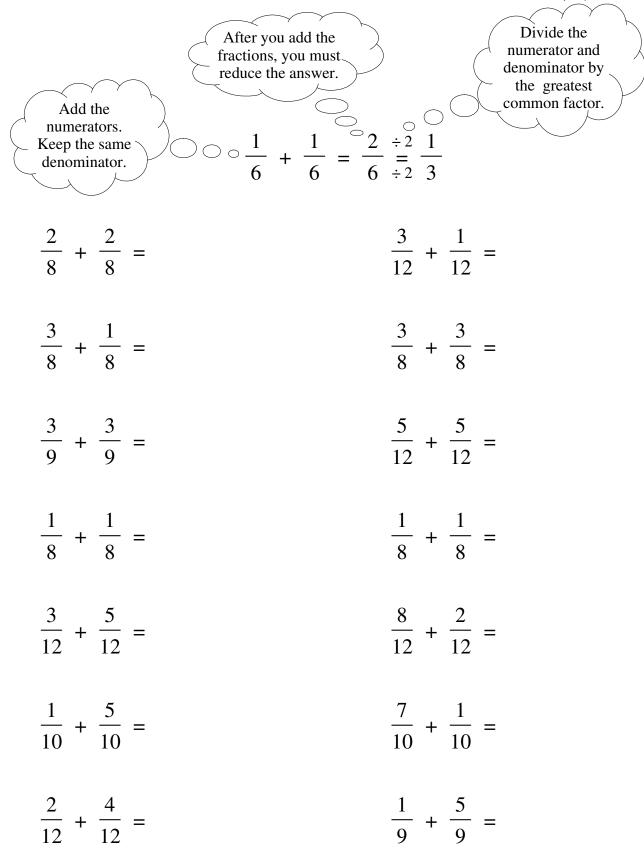
$$\frac{2}{6} + \frac{2}{6} = \frac{4}{6} \div 2 \frac{2}{3}$$

$$\frac{3}{10} + \frac{1}{10} = \frac{4}{10} \div 2 \frac{2}{5}$$

$$\frac{3}{6} + \frac{1}{6} = \frac{4}{6} \div 2 \frac{2}{3}$$

$$\frac{5}{12} + \frac{4}{12} = \frac{9}{12} \div 3 \frac{3}{4}$$

## Add Fractions With Like Denominators (B)



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## Add Fractions With Like Denominators (B) Answers

Note to teacher: All of the sums result in a fraction that requires reduction. None are improper fractions. Try using fraction strips or fraction circles as a manipulative. Students should know how to reduce fractions before completing this worksheet.

$$\frac{1}{6} + \frac{1}{6} = \frac{2}{6} \div \frac{2}{5} \frac{1}{2}$$

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

$$\frac{3}{12} + \frac{1}{12} = \frac{4}{12} \div \frac{4}{3}$$

$$\frac{3}{12} + \frac{3}{12} = \frac{6}{12} \div \frac{3}{2}$$

$$\frac{3}{12} + \frac{3}{12} = \frac{6}{12} \div \frac{2}{5}$$

$$\frac{1}{12} + \frac{5}{12} = \frac{10}{12} \div \frac{5}{5}$$

$$\frac{1}{12} + \frac{5}{12} = \frac{10}{12} \div \frac{5}{5}$$

$$\frac{1}{12} + \frac{5}{12} = \frac{10}{12} \div \frac{2}{5}$$

$$\frac{1}{12} + \frac{5}{12} = \frac{10}{12} \div \frac{2}{5}$$

$$\frac{1}{12} + \frac{5}{12} = \frac{10}{12} \div \frac{2}{5}$$

$$\frac{1}{10} + \frac{5}{10} = \frac{6}{10} \div \frac{2}{5}$$

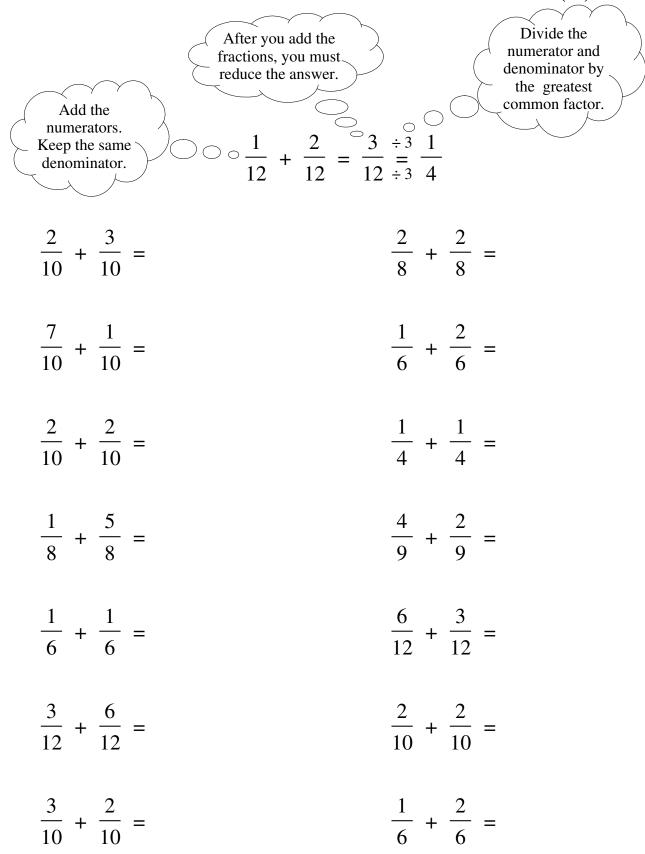
$$\frac{7}{10} + \frac{1}{10} = \frac{8}{10} \div \frac{2}{5}$$

$$\frac{1}{2} + \frac{4}{12} = \frac{6}{12} \div \frac{6}{12}$$

$$\frac{1}{5} + \frac{5}{9} = \frac{6}{9} \div \frac{3}{5}$$

$$\frac{1}{9} + \frac{5}{9} = \frac{6}{9} \div \frac{3}{5}$$

## Add Fractions With Like Denominators (C)



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# Add Fractions With Like Denominators (C) Answers

 $2 3 \div 3 1$ 

Note to teacher: All of the sums result in a fraction that requires reduction. None are improper fractions. Try using fraction strips or fraction circles as a manipulative. Students should know how to reduce fractions before completing this worksheet.

$$\frac{1}{12} + \frac{1}{12} = \frac{1}{12} + \frac{1}{12} = \frac{1}{12} + \frac{1}{4}$$

$$\frac{2}{10} + \frac{3}{10} = \frac{5}{10} + \frac{5}{5} + \frac{1}{2}$$

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

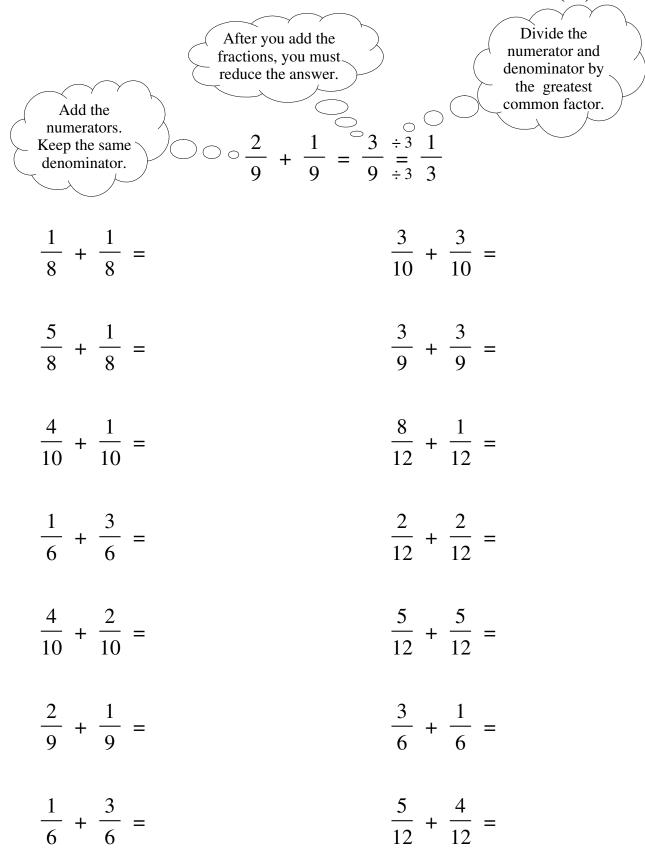
$$\frac{7}{10} + \frac{1}{10} = \frac{8}{10} + \frac{2}{5} + \frac{2}{5}$$

$$\frac{1}{6} + \frac{2}{6} = \frac{3}{6} + \frac{3}{5} + \frac{1}{2} + \frac{1}{2}$$

$$\frac{1}{6} + \frac{2}{6} = \frac{3}{6} + \frac{3}{5} + \frac{1}{2} + \frac{1}{4} + \frac{1}{4} = \frac{2}{4} + \frac{2}{5} + \frac{1}{2} + \frac{1}{4} + \frac{1}{4} = \frac{2}{4} + \frac{2}{5} + \frac{1}{2} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} = \frac{2}{4} + \frac{2}{5} + \frac{1}{2} + \frac{1}{4} + \frac{1$$

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## Add Fractions With Like Denominators (D)



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# Add Fractions With Like Denominators (D) Answers

Note to teacher: All of the sums result in a fraction that requires reduction. None are improper fractions. Try using fraction strips or fraction circles as a manipulative. Students should know how to reduce fractions before completing this worksheet.

$$\frac{2}{9} + \frac{1}{9} = \frac{3}{9} \stackrel{\div 3}{=3} \frac{1}{3}$$

$$\frac{1}{8} + \frac{1}{8} = \frac{2}{8} \stackrel{\div 2}{=2} \frac{1}{4}$$

$$\frac{3}{10} + \frac{3}{10} = \frac{6}{10} \stackrel{\div 2}{=2} \frac{3}{5}$$

$$\frac{5}{8} + \frac{1}{8} = \frac{6}{8} \stackrel{\div 2}{=2} \frac{3}{4}$$

$$\frac{3}{9} + \frac{3}{9} = \frac{6}{9} \stackrel{\div 3}{=3} \frac{2}{3}$$

$$\frac{4}{10} + \frac{1}{10} = \frac{5}{10} \stackrel{\div 5}{=5} \frac{1}{2}$$

$$\frac{8}{12} + \frac{1}{12} = \frac{9}{12} \stackrel{\div 3}{=3} \frac{3}{4}$$

$$\frac{1}{6} + \frac{3}{6} = \frac{4}{6} \stackrel{\div 2}{=2} \frac{2}{3}$$

$$\frac{2}{12} + \frac{2}{12} = \frac{4}{12} \stackrel{\div 4}{=4} \frac{1}{3}$$

$$\frac{4}{10} + \frac{2}{10} = \frac{6}{10} \stackrel{\div 2}{=2} \frac{3}{5}$$

$$\frac{5}{12} + \frac{5}{12} = \frac{10}{12} \stackrel{\div 2}{=5} \frac{5}{6}$$

$$\frac{2}{9} + \frac{1}{9} = \frac{3}{9} \stackrel{\div 3}{=3} \frac{1}{3}$$

$$\frac{3}{6} + \frac{1}{6} = \frac{4}{6} \stackrel{\div 2}{=2} \frac{2}{3}$$

$$\frac{5}{12} + \frac{4}{12} = \frac{9}{12} \stackrel{\div 3}{=3} \frac{3}{4}$$

#### Add Fractions With Like Denominators (E) Divide the After you add the numerator and fractions, you must. denominator by reduce the answer. the greatest common factor. Add the $\circ \frac{3}{8} + \frac{1}{8} = \frac{4}{8} = \frac{4}{2} = \frac{4}{2}$ numerators. Keep the same denominator. $\frac{3}{8} + \frac{1}{8} =$ $\frac{1}{12} + \frac{1}{12} =$ $\frac{4}{12} + \frac{6}{12} =$ $\frac{1}{6} + \frac{1}{6} =$

- $\frac{2}{12} + \frac{7}{12} = \frac{2}{6} + \frac{1}{6} =$
- $\frac{5}{10} + \frac{3}{10} = \frac{5}{12} + \frac{5}{12} =$
- $\frac{2}{10} + \frac{4}{10} = \frac{4}{12} + \frac{5}{12} =$
- $\frac{3}{8} + \frac{3}{8} = \frac{2}{8} + \frac{4}{8} = \frac{3}{12} + \frac{3}{12} = \frac{2}{6} + \frac{1}{6} = \frac{1}{6} + \frac{1}{6} = \frac{1}{6} + \frac{1}{6} = \frac{1}{6} + \frac{1}{6} = \frac{1}{6} + \frac{1}{6} + \frac{1}{6} = \frac{1}{6} + \frac{1}{6} = \frac{1}{6} + \frac{$

# Add Fractions With Like Denominators (E) Answers

Note to teacher: All of the sums result in a fraction that requires reduction. None are improper fractions. Try using fraction strips or fraction circles as a manipulative. Students should know how to reduce fractions before completing this worksheet.

$$\frac{3}{8} + \frac{1}{8} = \frac{4}{8} \div \frac{4}{2} \frac{1}{2}$$

$$\frac{3}{8} + \frac{1}{8} = \frac{4}{8} \div \frac{4}{2} \frac{1}{2}$$

$$\frac{1}{12} + \frac{1}{12} = \frac{2}{12} \div \frac{2}{2} \frac{1}{2}$$

$$\frac{1}{12} + \frac{1}{12} = \frac{2}{12} \div \frac{2}{2} \frac{1}{6}$$

$$\frac{1}{6} + \frac{1}{6} = \frac{2}{6} \div \frac{2}{2} \frac{1}{3}$$

$$\frac{2}{12} + \frac{7}{12} = \frac{9}{12} \div \frac{3}{3} \frac{3}{4}$$

$$\frac{2}{6} + \frac{1}{6} = \frac{3}{6} \div \frac{3}{5} \frac{1}{2}$$

$$\frac{5}{12} + \frac{5}{12} = \frac{10}{12} \div \frac{2}{5} \frac{5}{6}$$

$$\frac{2}{10} + \frac{4}{10} = \frac{6}{10} \div \frac{2}{5} \frac{3}{5}$$

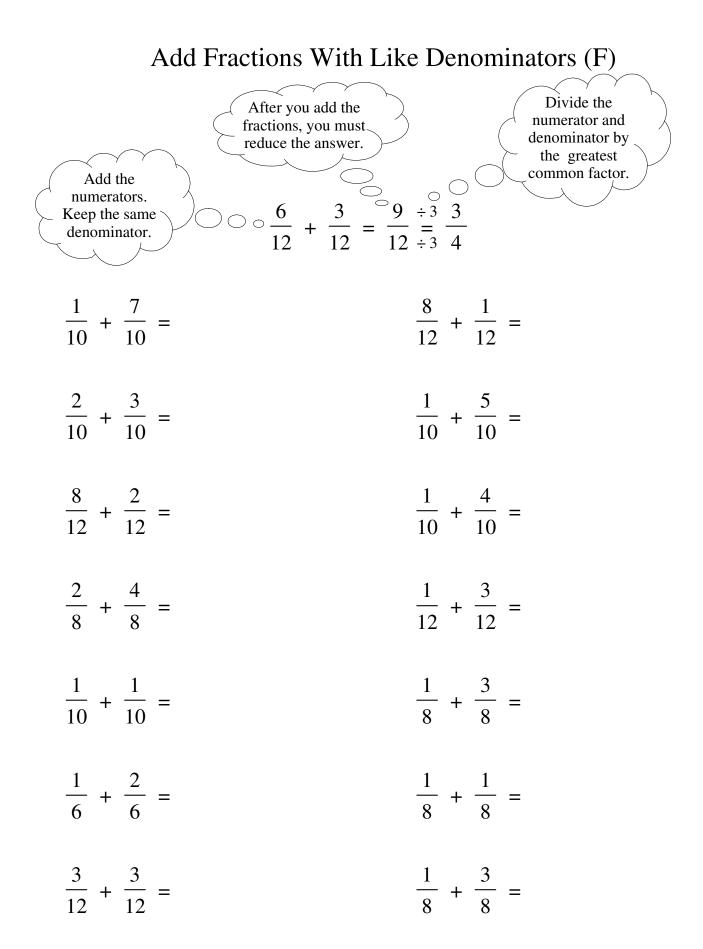
$$\frac{4}{12} + \frac{5}{12} = \frac{9}{12} \div \frac{3}{3} \frac{3}{4}$$

$$\frac{3}{8} + \frac{3}{8} = \frac{6}{8} \div \frac{2}{5} \frac{3}{4}$$

$$\frac{2}{8} + \frac{4}{8} = \frac{6}{8} \div \frac{2}{5} \frac{3}{4}$$

$$\frac{3}{12} + \frac{3}{12} = \frac{6}{12} \div \frac{6}{12}$$

$$\frac{2}{5} + \frac{1}{6} = \frac{3}{6} \div \frac{3}{5} \frac{1}{2}$$



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# Add Fractions With Like Denominators (F) Answers

Note to teacher: All of the sums result in a fraction that requires reduction. None are improper fractions. Try using fraction strips or fraction circles as a manipulative. Students should know how to reduce fractions before completing this worksheet.

$$\frac{6}{12} + \frac{3}{12} = \frac{9}{12} \div \frac{3}{5} \frac{3}{4}$$

$$\frac{1}{10} + \frac{7}{10} = \frac{8}{10} \div \frac{2}{5} \frac{4}{5}$$

$$\frac{8}{12} + \frac{1}{12} = \frac{9}{12} \div \frac{3}{5} \frac{3}{4}$$

$$\frac{2}{10} + \frac{3}{10} = \frac{5}{10} \div \frac{5}{5} \frac{1}{2}$$

$$\frac{1}{10} + \frac{5}{10} = \frac{6}{10} \div \frac{2}{5} \frac{3}{5}$$

$$\frac{8}{12} + \frac{2}{12} = \frac{10}{12} \div \frac{2}{5} \frac{5}{6}$$

$$\frac{1}{10} + \frac{4}{10} = \frac{5}{10} \div \frac{5}{5} \frac{1}{2}$$

$$\frac{2}{8} + \frac{4}{8} = \frac{6}{8} \div \frac{2}{5} \frac{3}{4}$$

$$\frac{1}{12} + \frac{3}{12} = \frac{4}{12} \div \frac{4}{13}$$

$$\frac{1}{10} + \frac{1}{10} = \frac{2}{10} \div \frac{2}{5}$$

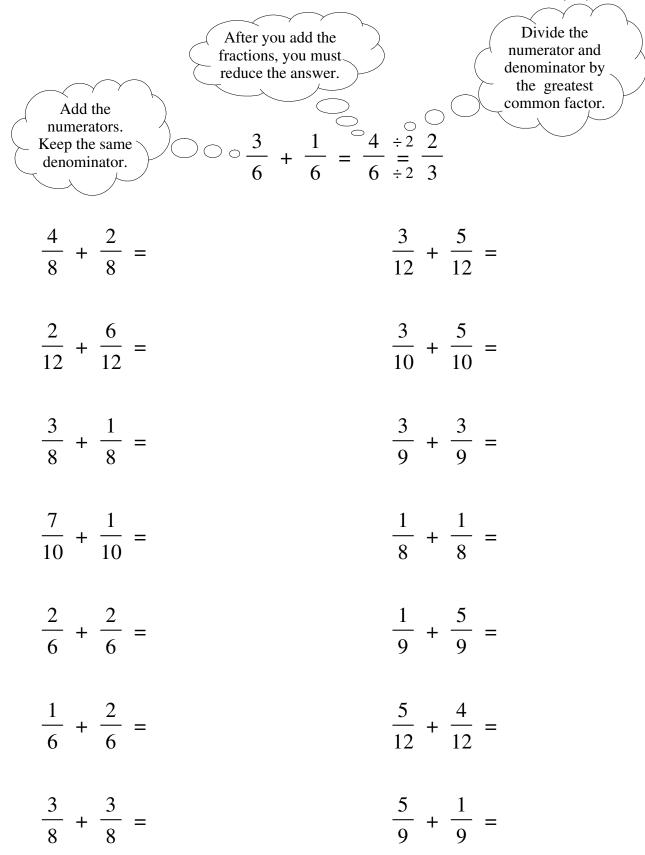
$$\frac{1}{8} + \frac{3}{8} = \frac{4}{8} \div \frac{4}{5} \frac{1}{2}$$

$$\frac{1}{6} + \frac{2}{6} = \frac{3}{6} \div \frac{3}{5} \frac{1}{2}$$

$$\frac{1}{8} + \frac{3}{8} = \frac{4}{8} \div \frac{4}{5} \frac{1}{2}$$

$$\frac{1}{8} + \frac{3}{8} = \frac{4}{8} \div \frac{4}{5} \frac{1}{2}$$

## Add Fractions With Like Denominators (G)



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# Add Fractions With Like Denominators (G) Answers

Note to teacher: All of the sums result in a fraction that requires reduction. None are improper fractions. Try using fraction strips or fraction circles as a manipulative. Students should know how to reduce fractions before completing this worksheet.

$$\frac{3}{6} + \frac{1}{6} = \frac{4}{6} \div \frac{2}{2} \frac{2}{3}$$

$$\frac{4}{8} + \frac{2}{8} = \frac{6}{8} \div \frac{2}{2} \frac{3}{4}$$

$$\frac{3}{12} + \frac{5}{12} = \frac{8}{12} \div \frac{4}{3} \frac{2}{3}$$

$$\frac{2}{12} + \frac{6}{12} = \frac{8}{12} \div \frac{4}{2} \frac{2}{3}$$

$$\frac{3}{10} + \frac{5}{10} = \frac{8}{10} \div \frac{2}{2} \frac{4}{5}$$

$$\frac{3}{10} + \frac{5}{10} = \frac{8}{10} \div \frac{2}{2} \frac{4}{5}$$

$$\frac{3}{9} + \frac{3}{9} = \frac{6}{9} \div \frac{3}{3} \frac{2}{3}$$

$$\frac{7}{10} + \frac{1}{10} = \frac{8}{10} \div \frac{2}{2} \frac{4}{5}$$

$$\frac{1}{8} + \frac{1}{8} = \frac{2}{8} \div \frac{2}{2} \frac{1}{4}$$

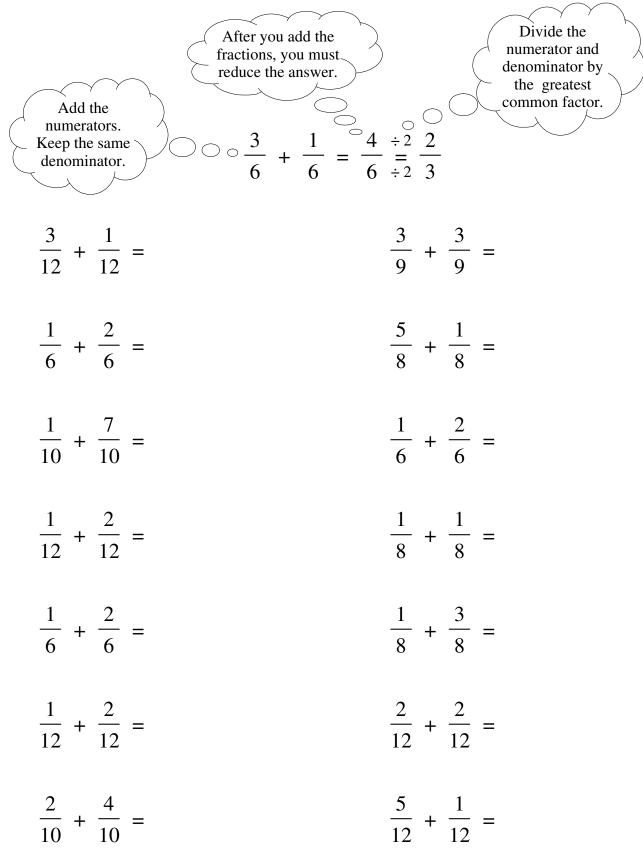
$$\frac{2}{6} + \frac{2}{6} = \frac{4}{6} \div \frac{2}{2} \frac{2}{3}$$

$$\frac{1}{9} + \frac{5}{9} = \frac{6}{9} \div \frac{3}{3} \frac{2}{3}$$

$$\frac{1}{6} + \frac{2}{6} = \frac{3}{6} \div \frac{3}{3} \frac{1}{2}$$

$$\frac{5}{9} + \frac{1}{9} = \frac{6}{9} \div \frac{3}{3} \frac{2}{3}$$

## Add Fractions With Like Denominators (H)



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# Add Fractions With Like Denominators (H) Answers

Note to teacher: All of the sums result in a fraction that requires reduction. None are improper fractions. Try using fraction strips or fraction circles as a manipulative. Students should know how to reduce fractions before completing this worksheet.

$$\frac{3}{6} + \frac{1}{6} = \frac{4}{6} \div \frac{2}{2} \frac{2}{3}$$

$$\frac{3}{12} + \frac{1}{12} = \frac{4}{12} \div \frac{4}{13} \frac{1}{3}$$

$$\frac{3}{9} + \frac{3}{9} = \frac{6}{9} \div \frac{3}{5} \frac{2}{3}$$

$$\frac{1}{12} + \frac{2}{12} = \frac{3}{6} \div \frac{3}{5} \frac{2}{12}$$

$$\frac{5}{8} + \frac{1}{8} = \frac{6}{8} \div \frac{2}{5} \frac{3}{4}$$

$$\frac{1}{6} + \frac{2}{6} = \frac{3}{6} \div \frac{3}{5} \frac{2}{12}$$

$$\frac{1}{12} + \frac{2}{12} = \frac{3}{12} \div \frac{3}{14}$$

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

$$\frac{1}{8} + \frac{3}{8} = \frac{4}{8} \div \frac{4}{5} \frac{1}{4}$$

$$\frac{1}{8} + \frac{3}{8} = \frac{4}{8} \div \frac{4}{5} \frac{1}{4}$$

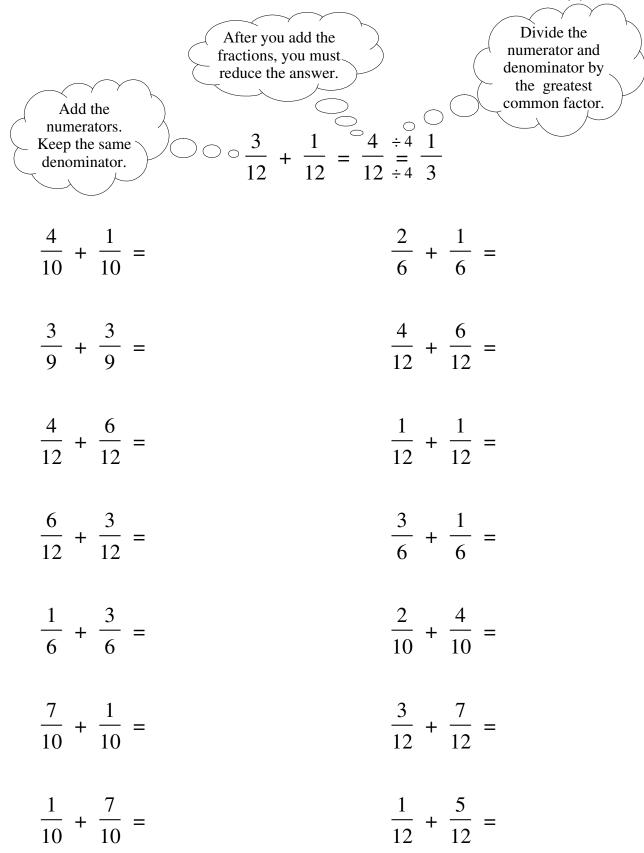
$$\frac{1}{12} + \frac{2}{12} = \frac{3}{12} \div \frac{3}{14}$$

$$\frac{2}{12} + \frac{2}{12} = \frac{4}{12} \div \frac{4}{13}$$

$$\frac{2}{12} + \frac{2}{12} = \frac{4}{12} \div \frac{4}{13}$$

$$\frac{2}{10} + \frac{4}{10} = \frac{6}{10} \div \frac{2}{5}$$

### Add Fractions With Like Denominators (I)



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## Add Fractions With Like Denominators (I) Answers

Note to teacher: All of the sums result in a fraction that requires reduction. None are improper fractions. Try using fraction strips or fraction circles as a manipulative. Students should know how to reduce fractions before completing this worksheet.

$$\frac{3}{12} + \frac{1}{12} = \frac{4}{12} \stackrel{\div 4}{=} \frac{1}{3}$$

$$\frac{4}{10} + \frac{1}{10} = \frac{5}{10} \stackrel{\div 5}{=} \frac{1}{2}$$

$$\frac{2}{6} + \frac{1}{6} = \frac{3}{6} \stackrel{\div 3}{=} \frac{1}{2}$$

$$\frac{3}{9} + \frac{3}{9} = \frac{6}{9} \stackrel{\div 3}{=} \frac{2}{3}$$

$$\frac{4}{12} + \frac{6}{12} = \frac{10}{12} \stackrel{\div 2}{=} \frac{5}{6}$$

$$\frac{4}{12} + \frac{6}{12} = \frac{10}{12} \stackrel{\div 2}{=} \frac{5}{6}$$

$$\frac{1}{12} + \frac{1}{12} = \frac{2}{12} \stackrel{\div 2}{=} \frac{1}{6}$$

$$\frac{6}{12} + \frac{3}{12} = \frac{9}{12} \stackrel{\div 3}{=} \frac{3}{4}$$

$$\frac{3}{6} + \frac{1}{6} = \frac{4}{6} \stackrel{\div 2}{=} \frac{2}{3}$$

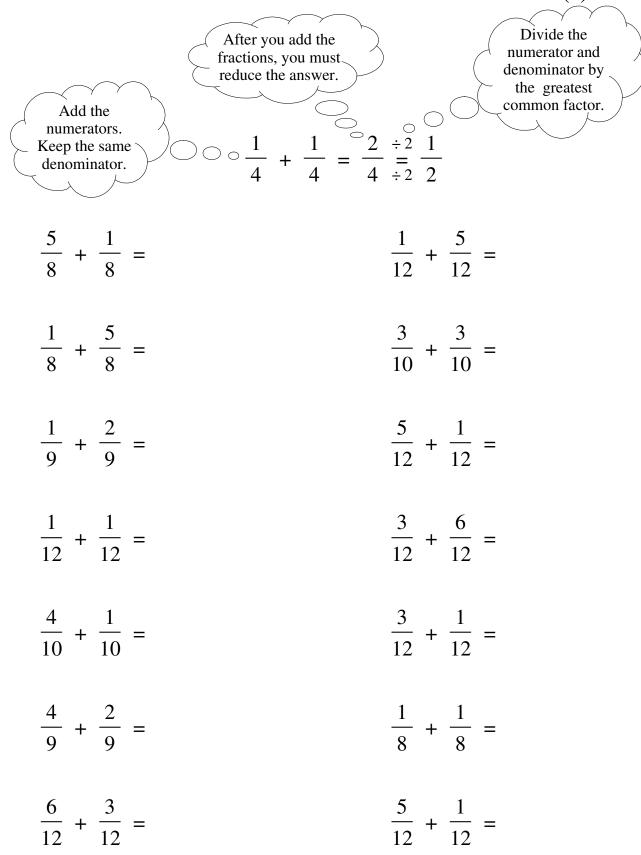
$$\frac{1}{6} + \frac{3}{6} = \frac{4}{6} \stackrel{\div 2}{=} \frac{2}{3}$$

$$\frac{2}{10} + \frac{4}{10} = \frac{6}{10} \stackrel{\div 2}{=} \frac{3}{5}$$

$$\frac{7}{10} + \frac{1}{10} = \frac{8}{10} \stackrel{\div 2}{=} \frac{4}{5}$$

$$\frac{1}{2} + \frac{5}{12} = \frac{6}{12} \stackrel{\div 6}{=} \frac{1}{12}$$

### Add Fractions With Like Denominators (J)



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## Add Fractions With Like Denominators (J) Answers

Note to teacher: All of the sums result in a fraction that requires reduction. None are improper fractions. Try using fraction strips or fraction circles as a manipulative. Students should know how to reduce fractions before completing this worksheet.

$$\frac{1}{4} + \frac{1}{4} = \frac{2}{4} \stackrel{\div 2}{=} \frac{1}{2}$$

$$\frac{5}{8} + \frac{1}{8} = \frac{6}{8} \stackrel{\div 2}{=} \frac{3}{4}$$

$$\frac{1}{12} + \frac{5}{12} = \frac{6}{12} \stackrel{\div 6}{=} \frac{1}{2}$$

$$\frac{1}{12} + \frac{5}{12} = \frac{6}{12} \stackrel{\div 6}{=} \frac{1}{2}$$

$$\frac{1}{2} + \frac{5}{12} = \frac{6}{12} \stackrel{\div 6}{=} \frac{1}{2}$$

$$\frac{1}{2} + \frac{5}{12} = \frac{6}{12} \stackrel{\div 6}{=} \frac{1}{2}$$

$$\frac{1}{2} + \frac{5}{8} = \frac{6}{8} \stackrel{\div 2}{=} \frac{3}{4}$$

$$\frac{3}{10} + \frac{3}{10} = \frac{6}{10} \stackrel{\div 2}{=} \frac{3}{5}$$

$$\frac{1}{9} + \frac{2}{9} = \frac{3}{9} \stackrel{\div 3}{=} \frac{1}{3}$$

$$\frac{5}{12} + \frac{1}{12} = \frac{6}{12} \stackrel{\div 6}{=} \frac{1}{2}$$

$$\frac{1}{12} + \frac{1}{12} = \frac{2}{12} \stackrel{\div 2}{=} \frac{1}{6}$$

$$\frac{3}{12} + \frac{6}{12} = \frac{9}{12} \stackrel{\div 3}{=} \frac{3}{4}$$

$$\frac{4}{10} + \frac{1}{10} = \frac{5}{10} \stackrel{\div 5}{=} \frac{1}{2}$$

$$\frac{3}{12} + \frac{1}{12} = \frac{4}{12} \stackrel{\div 4}{=} \frac{1}{4}$$

$$\frac{4}{9} + \frac{2}{9} = \frac{6}{9} \stackrel{\div 3}{=} \frac{2}{3}$$

$$\frac{1}{8} + \frac{1}{8} = \frac{2}{8} \stackrel{\div 2}{=} \frac{1}{4}$$

$$\frac{6}{12} + \frac{3}{12} = \frac{9}{12} \stackrel{\div 3}{=} \frac{3}{4}$$

$$\frac{5}{12} + \frac{1}{12} = \frac{6}{12} \stackrel{\div 6}{=} \frac{1}{2}$$