

## Subtract Mixed Numbers w/ Like Denominators (A)

Subtract the whole numbers.  
Subtract the fractions.

If the whole number is 0,  
don't re-write it.

Reduce the fraction part.

$$4 \frac{5}{6} - 4 \frac{1}{6} = 0 \frac{4}{6} \stackrel{\div 2}{=} \frac{2}{3}$$

$$5 \frac{3}{10} - 1 \frac{1}{10} =$$

$$6 \frac{6}{12} - 6 \frac{2}{12} =$$

$$7 \frac{8}{12} - 3 \frac{6}{12} =$$

$$6 \frac{5}{6} - 4 \frac{1}{6} =$$

$$2 \frac{8}{9} - 1 \frac{2}{9} =$$

$$8 \frac{4}{6} - 8 \frac{1}{6} =$$

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

$$8 \frac{9}{10} - 8 \frac{1}{10} =$$

$$5 \frac{7}{10} - 5 \frac{5}{10} =$$

$$6 \frac{7}{10} - 3 \frac{5}{10} =$$

$$7 \frac{8}{9} - 4 \frac{2}{9} =$$

$$5 \frac{6}{9} - 5 \frac{3}{9} =$$

$$6 \frac{8}{9} - 5 \frac{2}{9} =$$

$$9 \frac{7}{8} - 5 \frac{1}{8} =$$

# Subtract Mixed Numbers w/ Like Denominators (A) Answers

Note to teacher: All of the answers require reducing. None of the minuends require renaming.

$$5 \frac{3}{10} - 1 \frac{1}{10} = 4 \frac{2}{10} \stackrel{\div 2}{=} 4 \frac{1}{5} \qquad 6 \frac{6}{12} - 6 \frac{2}{12} = 0 \frac{4}{12} \stackrel{\div 4}{=} \frac{1}{3}$$

$$7 \frac{8}{12} - 3 \frac{6}{12} = 4 \frac{2}{12} \stackrel{\div 2}{=} 4 \frac{1}{6} \qquad 6 \frac{5}{6} - 4 \frac{1}{6} = 2 \frac{4}{6} \stackrel{\div 2}{=} 2 \frac{2}{3}$$

$$2 \frac{8}{9} - 1 \frac{2}{9} = 1 \frac{6}{9} \stackrel{\div 3}{=} 1 \frac{2}{3} \qquad 8 \frac{4}{6} - 8 \frac{1}{6} = 0 \frac{3}{6} \stackrel{\div 3}{=} \frac{1}{2}$$

$$3 \frac{5}{6} - 2 \frac{1}{6} = 1 \frac{4}{6} \stackrel{\div 2}{=} 1 \frac{2}{3} \qquad 8 \frac{9}{10} - 8 \frac{1}{10} = 0 \frac{8}{10} \stackrel{\div 2}{=} \frac{4}{5}$$

$$5 \frac{7}{10} - 5 \frac{5}{10} = 0 \frac{2}{10} \stackrel{\div 2}{=} \frac{1}{5} \qquad 6 \frac{7}{10} - 3 \frac{5}{10} = 3 \frac{2}{10} \stackrel{\div 2}{=} 3 \frac{1}{5}$$

$$7 \frac{8}{9} - 4 \frac{2}{9} = 3 \frac{6}{9} \stackrel{\div 3}{=} 3 \frac{2}{3} \qquad 5 \frac{6}{9} - 5 \frac{3}{9} = 0 \frac{3}{9} \stackrel{\div 3}{=} \frac{1}{3}$$

$$6 \frac{8}{9} - 5 \frac{2}{9} = 1 \frac{6}{9} \stackrel{\div 3}{=} 1 \frac{2}{3} \qquad 9 \frac{7}{8} - 5 \frac{1}{8} = 4 \frac{6}{8} \stackrel{\div 2}{=} 4 \frac{3}{4}$$

## Subtract Mixed Numbers w/ Like Denominators (B)

Subtract the whole numbers.  
Subtract the fractions.

If the whole number is 0,  
don't re-write it.

Reduce the fraction part.

$$6 \frac{8}{12} - 5 \frac{4}{12} = 1 \frac{4}{12} \stackrel{\div 4}{=} \stackrel{\div 4}{=} 1 \frac{1}{3}$$

$$7 \frac{3}{6} - 7 \frac{1}{6} =$$

$$8 \frac{7}{8} - 4 \frac{1}{8} =$$

$$5 \frac{3}{4} - 4 \frac{1}{4} =$$

$$8 \frac{6}{8} - 8 \frac{2}{8} =$$

$$8 \frac{7}{10} - 6 \frac{3}{10} =$$

$$8 \frac{6}{8} - 2 \frac{2}{8} =$$

$$4 \frac{7}{9} - 1 \frac{4}{9} =$$

$$8 \frac{5}{8} - 4 \frac{1}{8} =$$

$$8 \frac{11}{12} - 8 \frac{2}{12} =$$

$$5 \frac{5}{12} - 3 \frac{1}{12} =$$

$$5 \frac{9}{12} - 4 \frac{7}{12} =$$

$$9 \frac{4}{12} - 4 \frac{1}{12} =$$

$$7 \frac{4}{9} - 3 \frac{1}{9} =$$

$$8 \frac{9}{12} - 7 \frac{3}{12} =$$

# Subtract Mixed Numbers w/ Like Denominators (B) Answers

Note to teacher: All of the answers require reducing. None of the minuends require renaming.

$$7 \frac{3}{6} - 7 \frac{1}{6} = 0 \frac{2 \div 2}{6 \div 2} \frac{1}{3} \qquad 8 \frac{7}{8} - 4 \frac{1}{8} = 4 \frac{6 \div 2}{8 \div 2} \frac{3}{4}$$

$$5 \frac{3}{4} - 4 \frac{1}{4} = 1 \frac{2 \div 2}{4 \div 2} \frac{1}{2} \qquad 8 \frac{6}{8} - 8 \frac{2}{8} = 0 \frac{4 \div 4}{8 \div 4} \frac{1}{2}$$

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

$$4 \frac{7}{9} - 1 \frac{4}{9} = 3 \frac{3 \div 3}{9 \div 3} \frac{1}{3} \qquad 8 \frac{5}{8} - 4 \frac{1}{8} = 4 \frac{4 \div 4}{8 \div 4} \frac{1}{2}$$

$$8 \frac{11}{12} - 8 \frac{2}{12} = 0 \frac{9 \div 3}{12 \div 3} \frac{3}{4} \qquad 5 \frac{5}{12} - 3 \frac{1}{12} = 2 \frac{4 \div 4}{12 \div 4} \frac{1}{3}$$

$$5 \frac{9}{12} - 4 \frac{7}{12} = 1 \frac{2 \div 2}{12 \div 2} \frac{1}{6} \qquad 9 \frac{4}{12} - 4 \frac{1}{12} = 5 \frac{3 \div 3}{12 \div 3} \frac{1}{4}$$

$$7 \frac{4}{9} - 3 \frac{1}{9} = 4 \frac{3 \div 3}{9 \div 3} \frac{1}{3} \qquad 8 \frac{9}{12} - 7 \frac{3}{12} = 1 \frac{6 \div 6}{12 \div 6} \frac{1}{2}$$

## Subtract Mixed Numbers w/ Like Denominators (C)

Subtract the whole numbers.  
Subtract the fractions.

If the whole number is 0,  
don't re-write it.

Reduce the fraction part.

$$5 \frac{4}{9} - 4 \frac{1}{9} = 1 \frac{3}{9} \stackrel{\div 3}{=} \stackrel{\div 3}{=} 1 \frac{1}{3}$$

$$7 \frac{6}{8} - 4 \frac{2}{8} =$$

$$5 \frac{5}{10} - 5 \frac{3}{10} =$$

$$9 \frac{6}{8} - 6 \frac{2}{8} =$$

$$4 \frac{8}{10} - 4 \frac{2}{10} =$$

$$8 \frac{4}{12} - 6 \frac{2}{12} =$$

$$6 \frac{7}{8} - 3 \frac{5}{8} =$$

$$9 \frac{7}{8} - 3 \frac{1}{8} =$$

$$8 \frac{8}{9} - 6 \frac{5}{9} =$$

$$5 \frac{7}{12} - 4 \frac{5}{12} =$$

$$6 \frac{7}{12} - 1 \frac{5}{12} =$$

$$6 \frac{5}{8} - 4 \frac{3}{8} =$$

$$3 \frac{7}{9} - 3 \frac{4}{9} =$$

$$9 \frac{6}{10} - 5 \frac{1}{10} =$$

$$8 \frac{5}{6} - 1 \frac{3}{6} =$$

# Subtract Mixed Numbers w/ Like Denominators (C) Answers

Note to teacher: All of the answers require reducing. None of the minuends require renaming.

$$7 \frac{6}{8} - 4 \frac{2}{8} = 3 \frac{4 \div 4}{8 \div 4} = 3 \frac{1}{2} \qquad 5 \frac{5}{10} - 5 \frac{3}{10} = 0 \frac{2 \div 2}{10 \div 2} = \frac{1}{5}$$

$$9 \frac{6}{8} - 6 \frac{2}{8} = 3 \frac{4 \div 4}{8 \div 4} = 3 \frac{1}{2} \qquad 4 \frac{8}{10} - 4 \frac{2}{10} = 0 \frac{6 \div 2}{10 \div 2} = \frac{3}{5}$$

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

$$9 \frac{7}{8} - 3 \frac{1}{8} = 6 \frac{6 \div 2}{8 \div 2} = 6 \frac{3}{4} \qquad 8 \frac{8}{9} - 6 \frac{5}{9} = 2 \frac{3 \div 3}{9 \div 3} = 2 \frac{1}{3}$$

$$5 \frac{7}{12} - 4 \frac{5}{12} = 1 \frac{2 \div 2}{12 \div 2} = 1 \frac{1}{6} \qquad 6 \frac{7}{12} - 1 \frac{5}{12} = 5 \frac{2 \div 2}{12 \div 2} = 5 \frac{1}{6}$$

$$6 \frac{5}{8} - 4 \frac{3}{8} = 2 \frac{2 \div 2}{8 \div 2} = 2 \frac{1}{4} \qquad 3 \frac{7}{9} - 3 \frac{4}{9} = 0 \frac{3 \div 3}{9 \div 3} = \frac{1}{3}$$

$$9 \frac{6}{10} - 5 \frac{1}{10} = 4 \frac{5 \div 5}{10 \div 5} = 4 \frac{1}{2} \qquad 8 \frac{5}{6} - 1 \frac{3}{6} = 7 \frac{2 \div 2}{6 \div 2} = 7 \frac{1}{3}$$

## Subtract Mixed Numbers w/ Like Denominators (D)

Subtract the whole numbers.  
Subtract the fractions.

If the whole number is 0,  
don't re-write it.

Reduce the fraction part.

$$7 \frac{10}{12} - 1 \frac{4}{12} = 6 \frac{6}{12} \stackrel{\div 6}{=} 6 \frac{1}{2}$$

$$9 \frac{6}{10} - 8 \frac{4}{10} =$$

$$8 \frac{5}{6} - 3 \frac{3}{6} =$$

$$5 \frac{5}{10} - 5 \frac{1}{10} =$$

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

$$3 \frac{8}{9} - 2 \frac{2}{9} =$$

$$9 \frac{3}{10} - 4 \frac{1}{10} =$$

$$5 \frac{6}{9} - 5 \frac{3}{9} =$$

$$2 \frac{8}{10} - 2 \frac{2}{10} =$$

$$8 \frac{8}{10} - 7 \frac{2}{10} =$$

$$7 \frac{7}{8} - 7 \frac{5}{8} =$$

$$6 \frac{8}{12} - 2 \frac{4}{12} =$$

$$7 \frac{6}{8} - 6 \frac{2}{8} =$$

$$8 \frac{8}{10} - 6 \frac{6}{10} =$$

$$8 \frac{3}{6} - 2 \frac{1}{6} =$$

# Subtract Mixed Numbers w/ Like Denominators (D) Answers

Note to teacher: All of the answers require reducing. None of the minuends require renaming.

$$9 \frac{6}{10} - 8 \frac{4}{10} = 1 \frac{2}{10} \stackrel{\div 2}{=} 1 \frac{1}{5} \qquad 8 \frac{5}{6} - 3 \frac{3}{6} = 5 \frac{2}{6} \stackrel{\div 2}{=} 5 \frac{1}{3}$$

$$5 \frac{5}{10} - 5 \frac{1}{10} = 0 \frac{4}{10} \stackrel{\div 2}{=} \frac{2}{5} \qquad 3 \frac{3}{8} - 3 \frac{1}{8} = 0 \frac{2}{8} \stackrel{\div 2}{=} \frac{1}{4}$$

$$3 \frac{8}{9} - 2 \frac{2}{9} = 1 \frac{6}{9} \stackrel{\div 3}{=} 1 \frac{2}{3} \qquad 9 \frac{3}{10} - 4 \frac{1}{10} = 5 \frac{2}{10} \stackrel{\div 2}{=} 5 \frac{1}{5}$$

$$5 \frac{6}{9} - 5 \frac{3}{9} = 0 \frac{3}{9} \stackrel{\div 3}{=} \frac{1}{3} \qquad 2 \frac{8}{10} - 2 \frac{2}{10} = 0 \frac{6}{10} \stackrel{\div 2}{=} \frac{3}{5}$$

$$8 \frac{8}{10} - 7 \frac{2}{10} = 1 \frac{6}{10} \stackrel{\div 2}{=} 1 \frac{3}{5} \qquad 7 \frac{7}{8} - 7 \frac{5}{8} = 0 \frac{2}{8} \stackrel{\div 2}{=} \frac{1}{4}$$

$$6 \frac{8}{12} - 2 \frac{4}{12} = 4 \frac{4}{12} \stackrel{\div 4}{=} 4 \frac{1}{3} \qquad 7 \frac{6}{8} - 6 \frac{2}{8} = 1 \frac{4}{8} \stackrel{\div 4}{=} 1 \frac{1}{2}$$

$$8 \frac{8}{10} - 6 \frac{6}{10} = 2 \frac{2}{10} \stackrel{\div 2}{=} 2 \frac{1}{5} \qquad 8 \frac{3}{6} - 2 \frac{1}{6} = 6 \frac{2}{6} \stackrel{\div 2}{=} 6 \frac{1}{3}$$

## Subtract Mixed Numbers w/ Like Denominators (E)

Subtract the whole numbers.  
Subtract the fractions.

If the whole number is 0,  
don't re-write it.

Reduce the fraction part.

$$8 \frac{7}{8} - 1 \frac{1}{8} = 7 \frac{6}{8} \stackrel{\div 2}{=} 7 \frac{3}{4}$$

$$8 \frac{4}{6} - 7 \frac{1}{6} =$$

$$9 \frac{11}{12} - 6 \frac{7}{12} =$$

$$5 \frac{3}{8} - 2 \frac{1}{8} =$$

$$7 \frac{8}{9} - 1 \frac{2}{9} =$$

$$6 \frac{3}{12} - 4 \frac{1}{12} =$$

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

$$8 \frac{9}{12} - 8 \frac{5}{12} =$$

$$4 \frac{3}{6} - 4 \frac{1}{6} =$$

$$7 \frac{8}{9} - 6 \frac{5}{9} =$$

$$6 \frac{7}{8} - 4 \frac{1}{8} =$$

$$7 \frac{8}{12} - 4 \frac{4}{12} =$$

$$9 \frac{4}{12} - 7 \frac{1}{12} =$$

$$6 \frac{7}{12} - 1 \frac{3}{12} =$$

$$6 \frac{9}{10} - 6 \frac{3}{10} =$$

# Subtract Mixed Numbers w/ Like Denominators (E) Answers

Note to teacher: All of the answers require reducing. None of the minuends require renaming.

$$8 \frac{4}{6} - 7 \frac{1}{6} = 1 \frac{3 \div 3}{6 \div 3} = 1 \frac{1}{2} \qquad 9 \frac{11}{12} - 6 \frac{7}{12} = 3 \frac{4 \div 4}{12 \div 4} = 3 \frac{1}{3}$$

$$5 \frac{3}{8} - 2 \frac{1}{8} = 3 \frac{2 \div 2}{8 \div 2} = 3 \frac{1}{4} \qquad 7 \frac{8}{9} - 1 \frac{2}{9} = 6 \frac{6 \div 3}{9 \div 3} = 6 \frac{2}{3}$$

$$6 \frac{3}{12} - 4 \frac{1}{12} = 2 \frac{2 \div 2}{12 \div 2} = 2 \frac{1}{6} \qquad 5 \frac{5}{6} - 3 \frac{3}{6} = 2 \frac{2 \div 2}{6 \div 2} = 2 \frac{1}{3}$$

$$8 \frac{9}{12} - 8 \frac{5}{12} = 0 \frac{4 \div 4}{12 \div 4} = \frac{1}{3} \qquad 4 \frac{3}{6} - 4 \frac{1}{6} = 0 \frac{2 \div 2}{6 \div 2} = \frac{1}{3}$$

$$7 \frac{8}{9} - 6 \frac{5}{9} = 1 \frac{3 \div 3}{9 \div 3} = 1 \frac{1}{3} \qquad 6 \frac{7}{8} - 4 \frac{1}{8} = 2 \frac{6 \div 2}{8 \div 2} = 2 \frac{3}{4}$$

$$7 \frac{8}{12} - 4 \frac{4}{12} = 3 \frac{4 \div 4}{12 \div 4} = 3 \frac{1}{3} \qquad 9 \frac{4}{12} - 7 \frac{1}{12} = 2 \frac{3 \div 3}{12 \div 3} = 2 \frac{1}{4}$$

$$6 \frac{7}{12} - 1 \frac{3}{12} = 5 \frac{4 \div 4}{12 \div 4} = 5 \frac{1}{3} \qquad 6 \frac{9}{10} - 6 \frac{3}{10} = 0 \frac{6 \div 2}{10 \div 2} = \frac{3}{5}$$

## Subtract Mixed Numbers w/ Like Denominators (F)

Subtract the whole numbers.  
Subtract the fractions.

If the whole number is 0,  
don't re-write it.

Reduce the fraction part.

$$9 \frac{3}{4} - 6 \frac{1}{4} = 3 \frac{2}{4} \stackrel{\div 2}{=} 3 \frac{1}{2}$$

$$9 \frac{5}{12} - 8 \frac{3}{12} =$$

$$5 \frac{9}{12} - 4 \frac{7}{12} =$$

$$4 \frac{11}{12} - 3 \frac{8}{12} =$$

$$9 \frac{7}{8} - 7 \frac{3}{8} =$$

$$3 \frac{7}{10} - 1 \frac{3}{10} =$$

$$7 \frac{8}{9} - 5 \frac{2}{9} =$$

$$7 \frac{4}{12} - 7 \frac{1}{12} =$$

$$8 \frac{5}{8} - 4 \frac{1}{8} =$$

$$9 \frac{7}{10} - 7 \frac{1}{10} =$$

$$7 \frac{7}{10} - 1 \frac{1}{10} =$$

$$8 \frac{8}{9} - 6 \frac{2}{9} =$$

$$5 \frac{5}{12} - 2 \frac{3}{12} =$$

$$8 \frac{6}{10} - 8 \frac{4}{10} =$$

$$7 \frac{9}{10} - 4 \frac{5}{10} =$$

# Subtract Mixed Numbers w/ Like Denominators (F) Answers

Note to teacher: All of the answers require reducing. None of the minuends require renaming.

$$9 \frac{5}{12} - 8 \frac{3}{12} = 1 \frac{2}{12} \stackrel{\div 2}{=} 1 \frac{1}{6} \qquad 5 \frac{9}{12} - 4 \frac{7}{12} = 1 \frac{2}{12} \stackrel{\div 2}{=} 1 \frac{1}{6}$$

$$4 \frac{11}{12} - 3 \frac{8}{12} = 1 \frac{3}{12} \stackrel{\div 3}{=} 1 \frac{1}{4} \qquad 9 \frac{7}{8} - 7 \frac{3}{8} = 2 \frac{4}{8} \stackrel{\div 4}{=} 2 \frac{1}{2}$$

$$3 \frac{7}{10} - 1 \frac{3}{10} = 2 \frac{4}{10} \stackrel{\div 2}{=} 2 \frac{2}{5} \qquad 7 \frac{8}{9} - 5 \frac{2}{9} = 2 \frac{6}{9} \stackrel{\div 3}{=} 2 \frac{2}{3}$$

$$7 \frac{4}{12} - 7 \frac{1}{12} = 0 \frac{3}{12} \stackrel{\div 3}{=} \frac{1}{4} \qquad 8 \frac{5}{8} - 4 \frac{1}{8} = 4 \frac{4}{8} \stackrel{\div 4}{=} 4 \frac{1}{2}$$

$$9 \frac{7}{10} - 7 \frac{1}{10} = 2 \frac{6}{10} \stackrel{\div 2}{=} 2 \frac{3}{5} \qquad 7 \frac{7}{10} - 1 \frac{1}{10} = 6 \frac{6}{10} \stackrel{\div 2}{=} 6 \frac{3}{5}$$

$$8 \frac{8}{9} - 6 \frac{2}{9} = 2 \frac{6}{9} \stackrel{\div 3}{=} 2 \frac{2}{3} \qquad 5 \frac{5}{12} - 2 \frac{3}{12} = 3 \frac{2}{12} \stackrel{\div 2}{=} 3 \frac{1}{6}$$

$$8 \frac{6}{10} - 8 \frac{4}{10} = 0 \frac{2}{10} \stackrel{\div 2}{=} \frac{1}{5} \qquad 7 \frac{9}{10} - 4 \frac{5}{10} = 3 \frac{4}{10} \stackrel{\div 2}{=} 3 \frac{2}{5}$$

## Subtract Mixed Numbers w/ Like Denominators (G)

Subtract the whole numbers.  
Subtract the fractions.

If the whole number is 0,  
don't re-write it.

Reduce the fraction part.

$$4 \frac{9}{12} - 2 \frac{5}{12} = 2 \frac{4}{12} \stackrel{\div 4}{=} \stackrel{\div 4}{=} 2 \frac{1}{3}$$

$$5 \frac{8}{10} - 3 \frac{6}{10} =$$

$$7 \frac{6}{8} - 7 \frac{4}{8} =$$

$$3 \frac{8}{10} - 3 \frac{4}{10} =$$

$$9 \frac{8}{12} - 6 \frac{4}{12} =$$

$$4 \frac{7}{8} - 2 \frac{1}{8} =$$

$$8 \frac{7}{10} - 6 \frac{5}{10} =$$

$$7 \frac{5}{8} - 4 \frac{3}{8} =$$

$$7 \frac{5}{8} - 6 \frac{3}{8} =$$

$$7 \frac{8}{9} - 7 \frac{2}{9} =$$

$$7 \frac{9}{12} - 1 \frac{3}{12} =$$

$$8 \frac{7}{10} - 2 \frac{2}{10} =$$

$$9 \frac{8}{10} - 1 \frac{6}{10} =$$

$$5 \frac{5}{6} - 4 \frac{3}{6} =$$

$$6 \frac{6}{10} - 6 \frac{2}{10} =$$

# Subtract Mixed Numbers w/ Like Denominators (G) Answers

Note to teacher: All of the answers require reducing. None of the minuends require renaming.

$$5 \frac{8}{10} - 3 \frac{6}{10} = 2 \frac{2 \div 2}{10 \div 2} = 2 \frac{1}{5} \qquad 7 \frac{6}{8} - 7 \frac{4}{8} = 0 \frac{2 \div 2}{8 \div 2} = \frac{1}{4}$$

$$3 \frac{8}{10} - 3 \frac{4}{10} = 0 \frac{4 \div 2}{10 \div 2} = \frac{2}{5} \qquad 9 \frac{8}{12} - 6 \frac{4}{12} = 3 \frac{4 \div 4}{12 \div 4} = 3 \frac{1}{3}$$

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

$$7 \frac{5}{8} - 4 \frac{3}{8} = 3 \frac{2 \div 2}{8 \div 2} = 3 \frac{1}{4} \qquad 7 \frac{5}{8} - 6 \frac{3}{8} = 1 \frac{2 \div 2}{8 \div 2} = 1 \frac{1}{4}$$

$$7 \frac{8}{9} - 7 \frac{2}{9} = 0 \frac{6 \div 3}{9 \div 3} = \frac{2}{3} \qquad 7 \frac{9}{12} - 1 \frac{3}{12} = 6 \frac{6 \div 6}{12 \div 6} = 6 \frac{1}{2}$$

$$8 \frac{7}{10} - 2 \frac{2}{10} = 6 \frac{5 \div 5}{10 \div 5} = 6 \frac{1}{2} \qquad 9 \frac{8}{10} - 1 \frac{6}{10} = 8 \frac{2 \div 2}{10 \div 2} = 8 \frac{1}{5}$$

$$5 \frac{5}{6} - 4 \frac{3}{6} = 1 \frac{2 \div 2}{6 \div 2} = 1 \frac{1}{3} \qquad 6 \frac{6}{10} - 6 \frac{2}{10} = 0 \frac{4 \div 2}{10 \div 2} = \frac{2}{5}$$

## Subtract Mixed Numbers w/ Like Denominators (H)

Subtract the whole numbers.  
Subtract the fractions.

If the whole number is 0,  
don't re-write it.

Reduce the fraction part.

$$9 \frac{4}{12} - 7 \frac{1}{12} = 2 \frac{3}{12} \stackrel{\div 3}{=} \stackrel{\div 3}{=} 2 \frac{1}{4}$$

$$7 \frac{5}{8} - 7 \frac{3}{8} =$$

$$2 \frac{6}{8} - 2 \frac{4}{8} =$$

$$8 \frac{9}{10} - 1 \frac{5}{10} =$$

$$7 \frac{8}{12} - 2 \frac{4}{12} =$$

$$9 \frac{5}{10} - 3 \frac{3}{10} =$$

$$9 \frac{5}{6} - 8 \frac{2}{6} =$$

$$4 \frac{6}{10} - 4 \frac{2}{10} =$$

$$7 \frac{3}{6} - 3 \frac{1}{6} =$$

$$8 \frac{9}{10} - 8 \frac{3}{10} =$$

$$8 \frac{8}{12} - 7 \frac{4}{12} =$$

$$7 \frac{8}{10} - 5 \frac{3}{10} =$$

$$9 \frac{11}{12} - 8 \frac{5}{12} =$$

$$5 \frac{4}{10} - 1 \frac{2}{10} =$$

$$5 \frac{7}{9} - 5 \frac{4}{9} =$$

# Subtract Mixed Numbers w/ Like Denominators (H) Answers

Note to teacher: All of the answers require reducing. None of the minuends require renaming.

$$7 \frac{5}{8} - 7 \frac{3}{8} = 0 \frac{2 \div 2}{8 \div 2} = \frac{1}{4} \quad 2 \frac{6}{8} - 2 \frac{4}{8} = 0 \frac{2 \div 2}{8 \div 2} = \frac{1}{4}$$

$$8 \frac{9}{10} - 1 \frac{5}{10} = 7 \frac{4 \div 2}{10 \div 2} = 7 \frac{2}{5} \quad 7 \frac{8}{12} - 2 \frac{4}{12} = 5 \frac{4 \div 4}{12 \div 4} = 5 \frac{1}{3}$$

$$9 \frac{5}{10} - 3 \frac{3}{10} = 6 \frac{2 \div 2}{10 \div 2} = 6 \frac{1}{5} \quad 9 \frac{5}{6} - 8 \frac{2}{6} = 1 \frac{3 \div 3}{6 \div 3} = 1 \frac{1}{2}$$

$$4 \frac{6}{10} - 4 \frac{2}{10} = 0 \frac{4 \div 2}{10 \div 2} = \frac{2}{5} \quad 7 \frac{3}{6} - 3 \frac{1}{6} = 4 \frac{2 \div 2}{6 \div 2} = 4 \frac{1}{3}$$

$$8 \frac{9}{10} - 8 \frac{3}{10} = 0 \frac{6 \div 2}{10 \div 2} = \frac{3}{5} \quad 8 \frac{8}{12} - 7 \frac{4}{12} = 1 \frac{4 \div 4}{12 \div 4} = 1 \frac{1}{3}$$

$$7 \frac{8}{10} - 5 \frac{3}{10} = 2 \frac{5 \div 5}{10 \div 5} = 2 \frac{1}{2} \quad 9 \frac{11}{12} - 8 \frac{5}{12} = 1 \frac{6 \div 6}{12 \div 6} = 1 \frac{1}{2}$$

$$5 \frac{4}{10} - 1 \frac{2}{10} = 4 \frac{2 \div 2}{10 \div 2} = 4 \frac{1}{5} \quad 5 \frac{7}{9} - 5 \frac{4}{9} = 0 \frac{3 \div 3}{9 \div 3} = \frac{1}{3}$$

## Subtract Mixed Numbers w/ Like Denominators (I)

Subtract the whole numbers.  
Subtract the fractions.

If the whole number is 0,  
don't re-write it.

Reduce the fraction part.

$$6 \frac{3}{10} - 4 \frac{1}{10} = 2 \frac{2}{10} \stackrel{\div 2}{=} \stackrel{\div 2}{=} 2 \frac{1}{5}$$

$$5 \frac{6}{10} - 4 \frac{4}{10} =$$

$$5 \frac{7}{8} - 5 \frac{5}{8} =$$

$$5 \frac{3}{4} - 4 \frac{1}{4} =$$

$$7 \frac{3}{8} - 4 \frac{1}{8} =$$

$$7 \frac{8}{10} - 5 \frac{3}{10} =$$

$$7 \frac{11}{12} - 6 \frac{8}{12} =$$

$$8 \frac{4}{9} - 8 \frac{1}{9} =$$

$$8 \frac{7}{9} - 6 \frac{4}{9} =$$

$$3 \frac{8}{9} - 1 \frac{5}{9} =$$

$$8 \frac{11}{12} - 6 \frac{7}{12} =$$

$$8 \frac{5}{6} - 4 \frac{1}{6} =$$

$$2 \frac{7}{12} - 2 \frac{1}{12} =$$

$$6 \frac{11}{12} - 6 \frac{8}{12} =$$

$$9 \frac{5}{10} - 4 \frac{3}{10} =$$

# Subtract Mixed Numbers w/ Like Denominators (I) Answers

Note to teacher: All of the answers require reducing. None of the minuends require renaming.

$$5 \frac{6}{10} - 4 \frac{4}{10} = 1 \frac{2}{10} \stackrel{\div 2}{=} 1 \frac{1}{5} \qquad 5 \frac{7}{8} - 5 \frac{5}{8} = 0 \frac{2}{8} \stackrel{\div 2}{=} \frac{1}{4}$$

$$5 \frac{3}{4} - 4 \frac{1}{4} = 1 \frac{2}{4} \stackrel{\div 2}{=} 1 \frac{1}{2} \qquad 7 \frac{3}{8} - 4 \frac{1}{8} = 3 \frac{2}{8} \stackrel{\div 2}{=} 3 \frac{1}{4}$$

$$7 \frac{8}{10} - 5 \frac{3}{10} = 2 \frac{5}{10} \stackrel{\div 5}{=} 2 \frac{1}{2} \qquad 7 \frac{11}{12} - 6 \frac{8}{12} = 1 \frac{3}{12} \stackrel{\div 3}{=} 1 \frac{1}{4}$$

$$8 \frac{4}{9} - 8 \frac{1}{9} = 0 \frac{3}{9} \stackrel{\div 3}{=} \frac{1}{3} \qquad 8 \frac{7}{9} - 6 \frac{4}{9} = 2 \frac{3}{9} \stackrel{\div 3}{=} 2 \frac{1}{3}$$

$$3 \frac{8}{9} - 1 \frac{5}{9} = 2 \frac{3}{9} \stackrel{\div 3}{=} 2 \frac{1}{3} \qquad 8 \frac{11}{12} - 6 \frac{7}{12} = 2 \frac{4}{12} \stackrel{\div 4}{=} 2 \frac{1}{3}$$

$$8 \frac{5}{6} - 4 \frac{1}{6} = 4 \frac{4}{6} \stackrel{\div 2}{=} 4 \frac{2}{3} \qquad 2 \frac{7}{12} - 2 \frac{1}{12} = 0 \frac{6}{12} \stackrel{\div 6}{=} \frac{1}{2}$$

$$6 \frac{11}{12} - 6 \frac{8}{12} = 0 \frac{3}{12} \stackrel{\div 3}{=} \frac{1}{4} \qquad 9 \frac{5}{10} - 4 \frac{3}{10} = 5 \frac{2}{10} \stackrel{\div 2}{=} 5 \frac{1}{5}$$

## Subtract Mixed Numbers w/ Like Denominators (J)

Subtract the whole numbers.  
Subtract the fractions.

If the whole number is 0,  
don't re-write it.

Reduce the fraction part.

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

$$8 \frac{5}{6} - 8 \frac{1}{6} =$$

$$8 \frac{7}{12} - 6 \frac{3}{12} =$$

$$8 \frac{4}{6} - 5 \frac{1}{6} =$$

$$8 \frac{10}{12} - 8 \frac{2}{12} =$$

$$7 \frac{8}{12} - 6 \frac{4}{12} =$$

$$9 \frac{3}{8} - 1 \frac{1}{8} =$$

$$7 \frac{7}{10} - 2 \frac{3}{10} =$$

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

$$6 \frac{9}{10} - 5 \frac{4}{10} =$$

$$9 \frac{9}{12} - 6 \frac{7}{12} =$$

$$5 \frac{7}{10} - 3 \frac{2}{10} =$$

$$5 \frac{7}{10} - 5 \frac{5}{10} =$$

$$7 \frac{10}{12} - 6 \frac{8}{12} =$$

$$6 \frac{10}{12} - 5 \frac{2}{12} =$$

# Subtract Mixed Numbers w/ Like Denominators (J) Answers

Note to teacher: All of the answers require reducing. None of the minuends require renaming.

$$8 \frac{5}{6} - 8 \frac{1}{6} = 0 \frac{4 \div 2}{6 \div 2} = \frac{2}{3} \qquad 8 \frac{7}{12} - 6 \frac{3}{12} = 2 \frac{4 \div 4}{12 \div 4} = 2 \frac{1}{3}$$

$$8 \frac{4}{6} - 5 \frac{1}{6} = 3 \frac{3 \div 3}{6 \div 3} = 3 \frac{1}{2} \qquad 8 \frac{10}{12} - 8 \frac{2}{12} = 0 \frac{8 \div 4}{12 \div 4} = \frac{2}{3}$$

$$7 \frac{8}{12} - 6 \frac{4}{12} = 1 \frac{4 \div 4}{12 \div 4} = 1 \frac{1}{3} \qquad 9 \frac{3}{8} - 1 \frac{1}{8} = 8 \frac{2 \div 2}{8 \div 2} = 8 \frac{1}{4}$$

$$7 \frac{7}{10} - 2 \frac{3}{10} = 5 \frac{4 \div 2}{10 \div 2} = 5 \frac{2}{5} \qquad 8 \frac{3}{8} - 3 \frac{1}{8} = 5 \frac{2 \div 2}{8 \div 2} = 5 \frac{1}{4}$$

$$6 \frac{9}{10} - 5 \frac{4}{10} = 1 \frac{5 \div 5}{10 \div 5} = 1 \frac{1}{2} \qquad 9 \frac{9}{12} - 6 \frac{7}{12} = 3 \frac{2 \div 2}{12 \div 2} = 3 \frac{1}{6}$$

$$5 \frac{7}{10} - 3 \frac{2}{10} = 2 \frac{5 \div 5}{10 \div 5} = 2 \frac{1}{2} \qquad 5 \frac{7}{10} - 5 \frac{5}{10} = 0 \frac{2 \div 2}{10 \div 2} = \frac{1}{5}$$

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