

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

Rename the first mixed number

Subtract the whole numbers. Subtract the fractions.

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

$$9 \frac{3}{11} - 4 \frac{5}{11} =$$

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

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

$$7 \frac{4}{9} - 5 \frac{8}{9} =$$

$$9 \frac{5}{7} - 3 \frac{6}{7} =$$

$$6 \frac{2}{11} - 5 \frac{5}{11} =$$

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

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

Note to teacher: All of the answers require reducing. All of the minuends require renaming.

$$9 \frac{3}{11} - 4 \frac{5}{11} = 8 \frac{14}{11} - 4 \frac{5}{11} = 4 \frac{9}{11}$$

$$5 \frac{5}{10} - 1 \frac{6}{10} = 4 \frac{15}{10} - 1 \frac{6}{10} = 3 \frac{9}{10}$$

$$9 \frac{2}{4} - 6 \frac{3}{4} = 8 \frac{6}{4} - 6 \frac{3}{4} = 2 \frac{3}{4}$$

$$7 \frac{4}{9} - 5 \frac{8}{9} = 6 \frac{13}{9} - 5 \frac{8}{9} = 1 \frac{5}{9}$$

$$9 \frac{5}{7} - 3 \frac{6}{7} = 8 \frac{12}{7} - 3 \frac{6}{7} = 5 \frac{6}{7}$$

$$6 \frac{2}{11} - 5 \frac{5}{11} = 5 \frac{13}{11} - 5 \frac{5}{11} = \frac{8}{11}$$

$$9 \frac{4}{9} - 6 \frac{6}{9} = 8 \frac{13}{9} - 6 \frac{6}{9} = 2 \frac{7}{9}$$

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

Rename the first mixed number

Subtract the whole numbers. Subtract the fractions.

$$2 \frac{9}{12} - 1 \frac{10}{12} = 1 \frac{21}{12} - 1 \frac{10}{12} = \frac{11}{12}$$

$$9 \frac{8}{11} - 3 \frac{9}{11} =$$

$$6 \frac{1}{12} - 2 \frac{8}{12} =$$

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

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

$$7 \frac{7}{11} - 2 \frac{8}{11} =$$

$$9 \frac{5}{11} - 7 \frac{6}{11} =$$

$$9 \frac{1}{11} - 5 \frac{6}{11} =$$

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

Note to teacher: All of the answers require reducing. All of the minuends require renaming.

$$9 \frac{8}{11} - 3 \frac{9}{11} = 8 \frac{19}{11} - 3 \frac{9}{11} = 5 \frac{10}{11}$$

$$6 \frac{1}{12} - 2 \frac{8}{12} = 5 \frac{13}{12} - 2 \frac{8}{12} = 3 \frac{5}{12}$$

$$8 \frac{6}{8} - 2 \frac{7}{8} = 7 \frac{14}{8} - 2 \frac{7}{8} = 5 \frac{7}{8}$$

$$8 \frac{1}{8} - 4 \frac{6}{8} = 7 \frac{9}{8} - 4 \frac{6}{8} = 3 \frac{3}{8}$$

$$7 \frac{7}{11} - 2 \frac{8}{11} = 6 \frac{18}{11} - 2 \frac{8}{11} = 4 \frac{10}{11}$$

$$9 \frac{5}{11} - 7 \frac{6}{11} = 8 \frac{16}{11} - 7 \frac{6}{11} = 1 \frac{10}{11}$$

$$9 \frac{1}{11} - 5 \frac{6}{11} = 8 \frac{12}{11} - 5 \frac{6}{11} = 3 \frac{6}{11}$$

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

Rename the first mixed number

Subtract the whole numbers. Subtract the fractions.

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

$$9 \frac{1}{11} - 6 \frac{4}{11} =$$

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

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

$$8 \frac{3}{7} - 1 \frac{5}{7} =$$

$$6 \frac{1}{12} - 4 \frac{2}{12} =$$

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

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

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

Note to teacher: All of the answers require reducing. All of the minuends require renaming.

$$9 \frac{1}{11} - 6 \frac{4}{11} = 8 \frac{12}{11} - 6 \frac{4}{11} = 2 \frac{8}{11}$$

$$7 \frac{2}{7} - 6 \frac{6}{7} = 6 \frac{9}{7} - 6 \frac{6}{7} = \frac{3}{7}$$

$$7 \frac{4}{9} - 6 \frac{8}{9} = 6 \frac{13}{9} - 6 \frac{8}{9} = \frac{5}{9}$$

$$8 \frac{3}{7} - 1 \frac{5}{7} = 7 \frac{10}{7} - 1 \frac{5}{7} = 6 \frac{5}{7}$$

$$6 \frac{1}{12} - 4 \frac{2}{12} = 5 \frac{13}{12} - 4 \frac{2}{12} = 1 \frac{11}{12}$$

$$7 \frac{1}{9} - 4 \frac{3}{9} = 6 \frac{10}{9} - 4 \frac{3}{9} = 2 \frac{7}{9}$$

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

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

Rename the first mixed number

Subtract the whole numbers. Subtract the fractions.

$$7 \frac{3}{7} - 3 \frac{6}{7} = 6 \frac{10}{7} - 3 \frac{6}{7} = 3 \frac{4}{7}$$

$$9 \frac{9}{12} - 7 \frac{10}{12} =$$

$$6 \frac{1}{10} - 3 \frac{8}{10} =$$

$$7 \frac{5}{11} - 5 \frac{9}{11} =$$

$$7 \frac{2}{8} - 3 \frac{5}{8} =$$

$$2 \frac{6}{12} - 1 \frac{7}{12} =$$

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

$$6 \frac{4}{11} - 5 \frac{9}{11} =$$

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

Note to teacher: All of the answers require reducing. All of the minuends require renaming.

$$9 \frac{9}{12} - 7 \frac{10}{12} = 8 \frac{21}{12} - 7 \frac{10}{12} = 1 \frac{11}{12}$$

$$6 \frac{1}{10} - 3 \frac{8}{10} = 5 \frac{11}{10} - 3 \frac{8}{10} = 2 \frac{3}{10}$$

$$7 \frac{5}{11} - 5 \frac{9}{11} = 6 \frac{16}{11} - 5 \frac{9}{11} = 1 \frac{7}{11}$$

$$7 \frac{2}{8} - 3 \frac{5}{8} = 6 \frac{10}{8} - 3 \frac{5}{8} = 3 \frac{5}{8}$$

$$2 \frac{6}{12} - 1 \frac{7}{12} = 1 \frac{18}{12} - 1 \frac{7}{12} = \frac{11}{12}$$

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

$$6 \frac{4}{11} - 5 \frac{9}{11} = 5 \frac{15}{11} - 5 \frac{9}{11} = \frac{6}{11}$$



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

Rename the first mixed number

Subtract the whole numbers. Subtract the fractions.

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

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

$$5 \frac{2}{11} - 3 \frac{9}{11} =$$

$$7 \frac{6}{12} - 3 \frac{11}{12} =$$

$$5 \frac{3}{11} - 3 \frac{9}{11} =$$

$$7 \frac{2}{4} - 4 \frac{3}{4} =$$

$$7 \frac{2}{9} - 6 \frac{4}{9} =$$

$$7 \frac{9}{11} - 6 \frac{10}{11} =$$

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

Note to teacher: All of the answers require reducing. All of the minuends require renaming.

$$8 \frac{4}{9} - 4 \frac{6}{9} = 7 \frac{13}{9} - 4 \frac{6}{9} = 3 \frac{7}{9}$$

$$5 \frac{2}{11} - 3 \frac{9}{11} = 4 \frac{13}{11} - 3 \frac{9}{11} = 1 \frac{4}{11}$$

$$7 \frac{6}{12} - 3 \frac{11}{12} = 6 \frac{18}{12} - 3 \frac{11}{12} = 3 \frac{7}{12}$$

$$5 \frac{3}{11} - 3 \frac{9}{11} = 4 \frac{14}{11} - 3 \frac{9}{11} = 1 \frac{5}{11}$$

$$7 \frac{2}{4} - 4 \frac{3}{4} = 6 \frac{6}{4} - 4 \frac{3}{4} = 2 \frac{3}{4}$$

$$7 \frac{2}{9} - 6 \frac{4}{9} = 6 \frac{11}{9} - 6 \frac{4}{9} = \frac{7}{9}$$

$$7 \frac{9}{11} - 6 \frac{10}{11} = 6 \frac{20}{11} - 6 \frac{10}{11} = \frac{10}{11}$$

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

Rename the first mixed number

Subtract the whole numbers. Subtract the fractions.

$$7 \frac{1}{10} - 2 \frac{2}{10} = 6 \frac{11}{10} - 2 \frac{2}{10} = 4 \frac{9}{10}$$

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

$$9 \frac{3}{12} - 7 \frac{10}{12} =$$

$$9 \frac{4}{6} - 1 \frac{5}{6} =$$

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

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

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

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

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

Note to teacher: All of the answers require reducing. All of the minuends require renaming.

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

$$9 \frac{3}{12} - 7 \frac{10}{12} = 8 \frac{15}{12} - 7 \frac{10}{12} = 1 \frac{5}{12}$$

$$9 \frac{4}{6} - 1 \frac{5}{6} = 8 \frac{10}{6} - 1 \frac{5}{6} = 7 \frac{5}{6}$$

$$8 \frac{3}{10} - 5 \frac{6}{10} = 7 \frac{13}{10} - 5 \frac{6}{10} = 2 \frac{7}{10}$$

$$9 \frac{4}{10} - 7 \frac{5}{10} = 8 \frac{14}{10} - 7 \frac{5}{10} = 1 \frac{9}{10}$$

$$6 \frac{2}{7} - 4 \frac{4}{7} = 5 \frac{9}{7} - 4 \frac{4}{7} = 1 \frac{5}{7}$$

$$9 \frac{4}{10} - 7 \frac{7}{10} = 8 \frac{14}{10} - 7 \frac{7}{10} = 1 \frac{7}{10}$$

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

Rename the first mixed number

Subtract the whole numbers. Subtract the fractions.

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

$$3 \frac{4}{11} - 2 \frac{7}{11} =$$

$$8 \frac{3}{11} - 6 \frac{6}{11} =$$

$$9 \frac{1}{4} - 4 \frac{2}{4} =$$

$$7 \frac{2}{7} - 3 \frac{4}{7} =$$

$$4 \frac{1}{7} - 2 \frac{3}{7} =$$

$$9 \frac{1}{10} - 6 \frac{2}{10} =$$

$$7 \frac{1}{5} - 2 \frac{2}{5} =$$

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

Note to teacher: All of the answers require reducing. All of the minuends require renaming.

$$3 \frac{4}{11} - 2 \frac{7}{11} = 2 \frac{15}{11} - 2 \frac{7}{11} = \frac{8}{11}$$

$$8 \frac{3}{11} - 6 \frac{6}{11} = 7 \frac{14}{11} - 6 \frac{6}{11} = 1 \frac{8}{11}$$

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

$$7 \frac{2}{7} - 3 \frac{4}{7} = 6 \frac{9}{7} - 3 \frac{4}{7} = 3 \frac{5}{7}$$

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

$$9 \frac{1}{10} - 6 \frac{2}{10} = 8 \frac{11}{10} - 6 \frac{2}{10} = 2 \frac{9}{10}$$

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

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

Rename the first mixed number

Subtract the whole numbers. Subtract the fractions.

$$8 \frac{5}{11} - 7 \frac{8}{11} = 7 \frac{16}{11} - 7 \frac{8}{11} = \frac{8}{11}$$

$$8 \frac{4}{9} - 6 \frac{5}{9} =$$

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

$$6 \frac{1}{12} - 3 \frac{8}{12} =$$

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

$$8 \frac{2}{9} - 3 \frac{7}{9} =$$

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

$$3 \frac{8}{10} - 2 \frac{9}{10} =$$

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

Note to teacher: All of the answers require reducing. All of the minuends require renaming.

$$8 \frac{4}{9} - 6 \frac{5}{9} = 7 \frac{13}{9} - 6 \frac{5}{9} = 1 \frac{8}{9}$$

$$4 \frac{2}{5} - 1 \frac{3}{5} = 3 \frac{7}{5} - 1 \frac{3}{5} = 2 \frac{4}{5}$$

$$6 \frac{1}{12} - 3 \frac{8}{12} = 5 \frac{13}{12} - 3 \frac{8}{12} = 2 \frac{5}{12}$$

$$9 \frac{3}{9} - 1 \frac{5}{9} = 8 \frac{12}{9} - 1 \frac{5}{9} = 7 \frac{7}{9}$$

$$8 \frac{2}{9} - 3 \frac{7}{9} = 7 \frac{11}{9} - 3 \frac{7}{9} = 4 \frac{4}{9}$$

$$7 \frac{2}{9} - 5 \frac{7}{9} = 6 \frac{11}{9} - 5 \frac{7}{9} = 1 \frac{4}{9}$$

$$3 \frac{8}{10} - 2 \frac{9}{10} = 2 \frac{18}{10} - 2 \frac{9}{10} = \frac{9}{10}$$



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

Rename the first mixed number

Subtract the whole numbers. Subtract the fractions.

$$8 \frac{6}{11} - 6 \frac{8}{11} = 7 \frac{17}{11} - 6 \frac{8}{11} = 1 \frac{9}{11}$$

$$9 \frac{2}{11} - 6 \frac{9}{11} =$$

$$6 \frac{1}{8} - 2 \frac{4}{8} =$$

$$7 \frac{5}{11} - 1 \frac{8}{11} =$$

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

$$8 \frac{4}{11} - 4 \frac{10}{11} =$$

$$8 \frac{6}{11} - 1 \frac{9}{11} =$$

$$6 \frac{1}{12} - 5 \frac{8}{12} =$$

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

Note to teacher: All of the answers require reducing. All of the minuends require renaming.

$$9 \frac{2}{11} - 6 \frac{9}{11} = 8 \frac{13}{11} - 6 \frac{9}{11} = 2 \frac{4}{11}$$

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

$$7 \frac{5}{11} - 1 \frac{8}{11} = 6 \frac{16}{11} - 1 \frac{8}{11} = 5 \frac{8}{11}$$

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

$$8 \frac{4}{11} - 4 \frac{10}{11} = 7 \frac{15}{11} - 4 \frac{10}{11} = 3 \frac{5}{11}$$

$$8 \frac{6}{11} - 1 \frac{9}{11} = 7 \frac{17}{11} - 1 \frac{9}{11} = 6 \frac{8}{11}$$

$$6 \frac{1}{12} - 5 \frac{8}{12} = 5 \frac{13}{12} - 5 \frac{8}{12} = \frac{5}{12}$$

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

Rename the first mixed number

Subtract the whole numbers. Subtract the fractions.

$$9 \frac{5}{7} - 5 \frac{6}{7} = 8 \frac{12}{7} - 5 \frac{6}{7} = 3 \frac{6}{7}$$

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

$$7 \frac{4}{11} - 3 \frac{5}{11} =$$

$$8 \frac{2}{10} - 4 \frac{5}{10} =$$

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

$$8 \frac{1}{11} - 4 \frac{5}{11} =$$

$$6 \frac{1}{11} - 5 \frac{6}{11} =$$

$$8 \frac{2}{9} - 7 \frac{3}{9} =$$

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

Note to teacher: All of the answers require reducing. All of the minuends require renaming.

$$6 \frac{1}{7} - 4 \frac{4}{7} = 5 \frac{8}{7} - 4 \frac{4}{7} = 1 \frac{4}{7}$$

$$7 \frac{4}{11} - 3 \frac{5}{11} = 6 \frac{15}{11} - 3 \frac{5}{11} = 3 \frac{10}{11}$$

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

$$6 \frac{2}{10} - 5 \frac{5}{10} = 5 \frac{12}{10} - 5 \frac{5}{10} = \frac{7}{10}$$

$$8 \frac{1}{11} - 4 \frac{5}{11} = 7 \frac{12}{11} - 4 \frac{5}{11} = 3 \frac{7}{11}$$

$$6 \frac{1}{11} - 5 \frac{6}{11} = 5 \frac{12}{11} - 5 \frac{6}{11} = \frac{6}{11}$$

$$8 \frac{2}{9} - 7 \frac{3}{9} = 7 \frac{11}{9} - 7 \frac{3}{9} = \frac{8}{9}$$