

Fraction Subtraction

Same Denominator

Fractions with the same denominator can be subtracted by subtracting the numerators.

STEP ONE: Subtract the numerators

STEP TWO: Write the new numerator

STEP THREE: Keep the same denominator

STEP FOUR: Simplify answer, if needed.

Subtract to find new numerator

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

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

Different Denominator

Fractions with different denominators can be subtracted using these two steps.

You can either convert the fractions so that they have the same denominator, OR:

STEP ONE: Multiply the first numerator across with the second denominator

STEP TWO: Multiply the second numerator across with the first denominator

STEP THREE: Multiply both denominators

STEP FOUR: Divide using this formula:

Step 1 – Step 2

Step 3

STEP FIVE: Simplify answer, if needed.

$$\frac{3}{4} - \frac{2}{8} = \frac{(3 \times 8) - (2 \times 4)}{(4 \times 8)} = \frac{16}{32} = \frac{1}{2}$$

Instructions: Subtract the fractions below.

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



5	$\frac{7}{8}$	-	$\frac{1}{4}$	6	$\frac{11}{12}$	-	$\frac{1}{3}$
7	$\frac{11}{20}$	-	$\frac{1}{4}$	8	$\frac{9}{10}$	-	$\frac{2}{5}$
9	$\frac{8}{9}$	-	$\frac{2}{3}$	10	$\frac{5}{12}$	-	$\frac{1}{3}$
11	$\frac{11}{12}$	-	$\frac{1}{4}$	12	$\frac{5}{14}$	-	$\frac{1}{7}$



13	$\frac{7}{8}$	-	$\frac{3}{4}$	14	$\frac{13}{15}$	-	$\frac{2}{5}$
15	$\frac{8}{18}$	-	$\frac{3}{9}$	16	$\frac{15}{24}$	-	$\frac{1}{6}$
17	$\frac{17}{20}$	-	$\frac{3}{4}$	18	$\frac{14}{27}$	-	$\frac{2}{9}$
19	$\frac{18}{21}$	-	$\frac{1}{3}$	20	$\frac{19}{24}$	-	$\frac{3}{8}$

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Subtract to find new numerator

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

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

Different Denominator

Fractions with different denominators can be subtracted using these two steps.

You can either convert the fractions so that they have the same denominator, OR:

STEP ONE: Multiply the first numerator across with the second denominator

STEP TWO: Multiply the second numerator across with the first denominator

STEP THREE: Multiply both denominators

STEP FOUR: Divide using this formula:

Step 1 – Step 2

Step 3

STEP FIVE: Simplify answer, if needed.

$$\frac{3}{4} - \frac{2}{8} = \frac{(3 \times 8) - (2 \times 4)}{(4 \times 8)} = \frac{16}{32} = \frac{1}{2}$$

Instructions: Subtract the fractions below.

1	$\frac{5}{6} - \frac{2}{6} =$	2	$\frac{11}{12} - \frac{2}{12} =$
3	$\frac{7}{9} - \frac{5}{9} =$	4	$\frac{14}{15} - \frac{5}{15} =$



5	$\frac{5}{9}$	-	$\frac{1}{3}$	6	$\frac{7}{12}$	-	$\frac{1}{4}$
7	$\frac{13}{20}$	-	$\frac{2}{5}$	8	$\frac{14}{15}$	-	$\frac{2}{3}$
9	$\frac{15}{21}$	-	$\frac{1}{3}$	10	$\frac{17}{18}$	-	$\frac{2}{3}$
11	$\frac{16}{24}$	-	$\frac{1}{4}$	12	$\frac{11}{12}$	-	$\frac{3}{4}$



13	$\frac{14}{16}$	-	$\frac{1}{4}$	14	$\frac{19}{25}$	-	$\frac{3}{5}$
15	$\frac{23}{30}$	-	$\frac{1}{2}$	16	$\frac{3}{5}$	-	$\frac{1}{2}$
17	$\frac{7}{8}$	-	$\frac{3}{16}$	18	$\frac{12}{18}$	-	$\frac{4}{9}$
19	$\frac{7}{11}$	-	$\frac{1}{4}$	20	$\frac{10}{32}$	-	$\frac{1}{4}$