

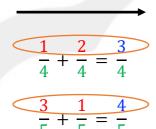
Fraction Addition

Same Denominator

Fractions with the same denominator can be added easily by adding the numerators.

STEP ONE: Add the numerators together STEP TWO: Write the new numerator STEP THREE: Keep the same denominator STEP FOUR: Simplify answer, if needed.

Add numerators to find new numerator



Different Denominator

Fractions with different denominators can be added 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:

$$\frac{Step \ 1 + Step \ 2}{Step \ 3}$$

STEP FIVE: Simplify answer, if needed.

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

Instructions: Add the fractions below.



5	$\frac{2}{4}$	+	1/2	6	$\frac{2}{6}$	+	1/3
7	1/5	+	4/10	8	$\frac{4}{6}$	+	1/3
9	<u>5</u> 12	+	1/3	10	3 9	+	$\frac{1}{3}$
11	<u>5</u> 8	+	$\frac{1}{4}$	12	3 5	+	1 10



13	3 5	+	$\frac{3}{10}$	14	4 9	+	$\frac{1}{3}$
15	5 12	+	$\frac{1}{4}$	16	<u>5</u> 6	+	1 12
17	1/7	+	9 14	18	3 8	+	$\frac{1}{4}$
19	7 15	+	$\frac{1}{3}$	20	3 7	+	3 14



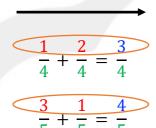
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5	$\frac{1}{4}$	+	5 12	6	$\frac{3}{4}$	+	1 8
7	2 5	+	3 10	8	$\frac{1}{7}$	+	<u>5</u> 14
9	4 5	+	1 15	10	<u>5</u>	+	1/3
11	$\frac{1}{6}$	+	7 12	12	$\frac{4}{6}$	+	$\frac{1}{4}$



13	7 12	+	$\frac{3}{4}$	14	7 10	+	4 5
15	9 10	+	1 3	16	<u>5</u> 9	+	$\frac{1}{4}$
17	4 9	+	1/3	18	2 5	+	1 3
19	<u>2</u> 9	+	2 3	20	1/3	+	3 8