

Add fractions with unlike denominators

NAME	DATE	SCORE / 10
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1 $\frac{3}{4} + \frac{1}{2} = ?$ Give the answer in lowest terms.

2 Leo worked out $\frac{1}{2} + \frac{2}{7}$ in the steps below. Which step is the first one that is wrong?

Step 1: Write both fractions with a denominator of 14.

Step 2: $\frac{1}{2} = \frac{7}{14}$

Step 3: $\frac{2}{7} = \frac{9}{14}$

Step 4: $\frac{7}{14} + \frac{9}{14} = \frac{16}{14}$

☐ Step 1 ☐ Step 2 ☐ Step 3 ☐ Step 4

3 $\frac{5}{12} + \frac{1}{3} = ?$ Give the answer in lowest terms.

4 Cleo worked out $\frac{1}{2} + \frac{1}{5}$ in the steps below. Which step is the first one that is wrong?

Step 1: Write both fractions with a denominator of 10.

Step 2: $\frac{1}{2} = \frac{5}{10}$

Step 3: $\frac{1}{5} = \frac{6}{10}$

Step 4: $\frac{5}{10} + \frac{6}{10} = \frac{11}{10}$

☐ Step 1 ☐ Step 2 ☐ Step 3 ☐ Step 4

5

$\frac{5}{6} + \frac{2}{3} = ?$ Give the answer in lowest terms.

6

Emma worked out $\frac{1}{4} + \frac{1}{7}$ in the steps below. Which step is the first one that is wrong?

Step 1: Write both fractions with a denominator of 28.

Step 2: $\frac{1}{4} = \frac{7}{28}$

Step 3: $\frac{1}{7} = \frac{4}{28}$

Step 4: $\frac{7}{28} + \frac{4}{28} = \frac{11}{56}$

☐ Step 1 ☐ Step 2 ☐ Step 3 ☐ Step 4

7

$\frac{1}{2} + \frac{1}{5} = ?$ Give the answer in lowest terms.

8

Ana worked out $\frac{1}{6} + \frac{3}{5}$ in the steps below. Which step is the first one that is wrong?

Step 1: Write both fractions with a denominator of 30.

Step 2: $\frac{1}{6} = \frac{5}{30}$

Step 3: $\frac{3}{5} = \frac{28}{30}$

Step 4: $\frac{5}{30} + \frac{28}{30} = \frac{33}{30}$

☐ Step 1 ☐ Step 2 ☐ Step 3 ☐ Step 4

9

$\frac{1}{7} + \frac{3}{4} = ?$ Give the answer in lowest terms.

10 Ben worked out $\frac{2}{3} + \frac{1}{7}$ in the steps below. Which step is the first one that is wrong?

Step 1: Write both fractions with a denominator of 21.

Step 2: $\frac{2}{3} = \frac{2}{21}$

Step 3: $\frac{1}{7} = \frac{3}{21}$

Step 4: $\frac{2}{21} + \frac{3}{21} = \frac{5}{21}$

☐ Step 1 ☐ Step 2 ☐ Step 3 ☐ Step 4

Add fractions with unlike denominators

1 $5/4$

3 $3/4$

5 $3/2$

7 $7/10$

9 $25/28$

2 Step 3

4 Step 3

6 Step 4

8 Step 3

10 Step 2