

Add fractions with unlike denominators

NAME	DATE	SCORE
		/ 10

- 1** $\frac{3}{8} + \frac{1}{3} = ?$ Give the answer in lowest terms.

- 2** Noah worked out $\frac{1}{4} + \frac{2}{3}$ in the steps below. Which step is the first one that is wrong?

Step 1: Write both fractions with a denominator of 12.

Step 2: $\frac{1}{4} = \frac{3}{12}$

Step 3: $\frac{2}{3} = \frac{8}{12}$

Step 4: $\frac{3}{12} + \frac{8}{12} = \frac{11}{24}$

☐ Step 1 ☐ Step 2 ☐ Step 3 ☐ Step 4

- 3** $\frac{3}{4} + \frac{1}{2} = ?$ Give the answer in lowest terms.

- 4** Dev worked out $\frac{1}{2} + \frac{1}{3}$ in the steps below. Which step is the first one that is wrong?

Step 1: Write both fractions with a denominator of 6.

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

Step 3: $\frac{1}{3} = \frac{2}{6}$

Step 4: $\frac{1}{6} + \frac{2}{6} = \frac{3}{6}$

☐ Step 1 ☐ Step 2 ☐ Step 3 ☐ Step 4

5 $\frac{1}{2} + \frac{1}{7} = ?$ Give the answer in lowest terms.

6 Maya 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

7 $\frac{2}{9} + \frac{3}{4} = ?$ Give the answer in lowest terms.

8 Ivy worked out $\frac{1}{5} + \frac{2}{3}$ in the steps below. Which step is the first one that is wrong?

Step 1: Write both fractions with a denominator of 15.

Step 2: $\frac{1}{5} = \frac{3}{15}$

Step 3: $\frac{2}{3} = \frac{14}{15}$

Step 4: $\frac{3}{15} + \frac{14}{15} = \frac{17}{15}$

☐ Step 1 ☐ Step 2 ☐ Step 3 ☐ Step 4

9 $\frac{1}{2} + \frac{1}{3} = ?$ Give the answer in lowest terms.

10 Emma worked out $\frac{1}{5} + \frac{3}{4}$ in the steps below. Which step is the first one that is wrong?

Step 1: Write both fractions with a denominator of 20.

Step 2: $\frac{1}{5} = \frac{1}{20}$

Step 3: $\frac{3}{4} = \frac{15}{20}$

Step 4: $\frac{1}{20} + \frac{15}{20} = \frac{16}{20}$

☐ Step 1 ☐ Step 2 ☐ Step 3 ☐ Step 4

Add fractions with unlike denominators

1 $17/24$

3 $5/4$

5 $9/14$

7 $35/36$

9 $5/6$

2 Step 4

4 Step 2

6 Step 3

8 Step 3

10 Step 2