

Add fractions with unlike denominators

NAME	DATE	SCORE
		/ 10

1 $\frac{7}{8} + \frac{2}{5} = ?$ Give the answer in lowest terms.

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

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

Step 2: $\frac{3}{5} = \frac{9}{15}$

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

Step 4: $\frac{9}{15} + \frac{5}{15} = \frac{14}{30}$

☐ Step 1 ☐ Step 2 ☐ Step 3 ☐ Step 4

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

4 Leo worked out $\frac{1}{3} + \frac{4}{7}$ 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: $\frac{1}{3} = \frac{7}{21}$

Step 3: $\frac{4}{7} = \frac{12}{21}$

Step 4: $\frac{7}{21} + \frac{12}{21} = \frac{19}{42}$

☐ Step 1 ☐ Step 2 ☐ Step 3 ☐ Step 4

5 $\frac{11}{12} + \frac{5}{6} = ?$ Give the answer in lowest terms.

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

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

Step 2: $\frac{2}{5} = \frac{6}{15}$

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

Step 4: $\frac{6}{15} + \frac{5}{15} = \frac{11}{30}$

☐ Step 1 ☐ Step 2 ☐ Step 3 ☐ Step 4

7 $\frac{2}{9} + \frac{1}{2} = ?$ Give the answer in lowest terms.

8 Maya worked out $\frac{2}{5} + \frac{4}{7}$ in the steps below. Which step is the first one that is wrong?

Step 1: Write both fractions with a denominator of 35.

Step 2: $\frac{2}{5} = \frac{14}{35}$

Step 3: $\frac{4}{7} = \frac{32}{35}$

Step 4: $\frac{14}{35} + \frac{32}{35} = \frac{46}{35}$

☐ Step 1 ☐ Step 2 ☐ Step 3 ☐ Step 4

9 $\frac{5}{11} + \frac{1}{2} = ?$ Give the answer in lowest terms.

10 Ivy worked out $\frac{2}{3} + \frac{1}{4}$ 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: $\frac{2}{3} = \frac{8}{12}$

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

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

☐ Step 1 ☐ Step 2 ☐ Step 3 ☐ Step 4

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1 $51/40$

3 $13/12$

5 $7/4$

7 $13/18$

9 $21/22$

2 Step 4

4 Step 4

6 Step 4

8 Step 3

10 Step 4