

Fractions — Add & Subtract

Fractions, Decimals & % · Grade 5

Score: _____ / 10

★ Hard · 10 Questions

Solve each problem. Show your work in the space provided. Write your answer on the line.

1. $\frac{3}{4} + \frac{5}{6} + \frac{1}{3} = \underline{\hspace{2cm}}$

Answer: _____

2. $2\frac{1}{3} + 1\frac{1}{2} = \underline{\hspace{2cm}}$

Answer: _____

3. $\frac{5}{8} + \frac{3}{4} = \underline{\hspace{1cm}}$ (mixed)

Answer: _____

4. $4\frac{2}{5} - 1\frac{3}{10} = \underline{\hspace{1cm}}$

Answer: _____

5. $\frac{1}{2} + \frac{2}{3} + \frac{1}{4} = \underline{\hspace{1cm}}$

Answer: _____

6. $5 \frac{1}{4} - 2 \frac{5}{8} = \underline{\hspace{2cm}}$

Answer: _____

7. $\frac{3}{4} + \frac{7}{12} = \underline{\hspace{2cm}}$ (mixed)

Answer: _____

8. Mia ran $\frac{3}{4}$ mile, then $\frac{5}{6}$ mile. How far in total?

Answer: _____

9. $4 \frac{1}{6} - 1 \frac{1}{2} = \underline{\hspace{2cm}}$

Answer: _____

10. A recipe needs $\frac{2}{3}$ cup sugar and $\frac{3}{4}$ cup flour. Total cups?

Answer: _____

Answer Key

Fractions — Add & Subtract — Hard

1. **1 11/12**

$LCD=12$. $9/12 + 10/12 + 4/12 = 23/12 = 1 \frac{11}{12}$.

2. **3 5/6**

Whole: $2+1=3$. Fractions: $1/3+1/2 = 2/6+3/6 = 5/6$. Total: $3 \frac{5}{6}$.

3. **1 3/8**

Convert $3/4$ to $6/8$. $5/8 + 6/8 = 11/8 = 1 \frac{3}{8}$.

4. **3 1/10**

Convert: $4 \frac{4}{10} - 1 \frac{3}{10} = 3 \frac{1}{10}$.

5. **1 5/12**

$LCD=12$. $6/12 + 8/12 + 3/12 = 17/12 = 1 \frac{5}{12}$.

6. **2 5/8**

Convert $5 \frac{1}{4}$ to $5 \frac{2}{8} = 4 \frac{10}{8}$. Then $4 \frac{10}{8} - 2 \frac{5}{8} = 2 \frac{5}{8}$.

7. **1 1/3**

$LCD=12$. $9/12 + 7/12 = 16/12 = 1 \frac{4}{12} = 1 \frac{1}{3}$.

8. **1 7/12 miles**

$LCD=12$. $9/12 + 10/12 = 19/12 = 1 \frac{7}{12}$ miles.

9. **2 2/3**

Convert $1/2$ to $3/6$. $4 \frac{1}{6} = 3 \frac{7}{6}$. $3 \frac{7}{6} - 1 \frac{3}{6} = 2 \frac{4}{6} = 2 \frac{2}{3}$.

10. **1 5/12 cups**

$LCD=12$. $8/12 + 9/12 = 17/12 = 1 \frac{5}{12}$ cups.