

Adding Fractions with Like Denominators

Grade 5 • MATH • Adding fractions with like denominators • Standards: 5.NF.A.1

Add each pair of fractions below. Remember to write every answer in simplest form by reducing whenever possible.

1. $\frac{1}{5} + \frac{2}{5} = ?$

2. $\frac{2}{7} + \frac{3}{7} = ?$

3. $\frac{3}{10} + \frac{4}{10} = ?$

4. $\frac{1}{6} + \frac{3}{6} = ?$

5. $\frac{5}{12} + \frac{3}{12} = ?$

6. $\frac{4}{9} + \frac{2}{9} = ?$

7. $\frac{7}{15} + \frac{4}{15} = ?$

8. $\frac{5}{16} + \frac{7}{16} = ?$

9. $\frac{9}{20} + \frac{11}{20} = ?$

10. $\frac{13}{18} + \frac{11}{18} = ?$

Answer Key — Adding Fractions with Like Denominators

For the teacher / parent. Do not distribute with the worksheet.

1. $\frac{3}{5}$ (Add the numerators: $\frac{1}{5} + \frac{2}{5} = \frac{3}{5}$, which is already in simplest form.)
2. $\frac{5}{7}$ (Add the numerators: $\frac{2}{7} + \frac{3}{7} = \frac{5}{7}$, which is already in simplest form.)
3. $\frac{7}{10}$ (Add the numerators: $\frac{3}{10} + \frac{4}{10} = \frac{7}{10}$, which is already in simplest form.)
4. $\frac{2}{3}$ (Add the numerators: $\frac{1}{6} + \frac{3}{6} = \frac{4}{6}$; simplify to $\frac{2}{3}$.)
5. $\frac{2}{3}$ (Add the numerators: $\frac{5}{12} + \frac{3}{12} = \frac{8}{12}$; simplify to $\frac{2}{3}$.)
6. $\frac{2}{3}$ (Add the numerators: $\frac{4}{9} + \frac{2}{9} = \frac{6}{9}$; simplify to $\frac{2}{3}$.)
7. $\frac{11}{15}$ (Add the numerators: $\frac{7}{15} + \frac{4}{15} = \frac{11}{15}$, which is already in simplest form.)
8. $\frac{3}{4}$ (Add the numerators: $\frac{5}{16} + \frac{7}{16} = \frac{12}{16}$; simplify to $\frac{3}{4}$.)
9. 1 (Add the numerators: $\frac{9}{20} + \frac{11}{20} = \frac{20}{20}$; simplify to 1.)
10. $1\frac{1}{3}$ (Add the numerators: $\frac{13}{18} + \frac{11}{18} = \frac{24}{18}$; simplify to $\frac{4}{3}$ or $1\frac{1}{3}$.)