Adding Fractions with Different Denominators

Answers

1. $\frac{1}{4} + \frac{4}{8} = \frac{2}{8} + \frac{4}{8} = \frac{6}{8} = \frac{3}{4}$

2. $\frac{4}{6} + \frac{4}{12} = \frac{8}{12} + \frac{4}{12} = \frac{12}{12} = 1$

3. $\frac{2}{9} + \frac{2}{3} = \frac{2}{9} + \frac{6}{9} = \frac{8}{9}$

4. $\frac{9}{20} + \frac{3}{10} = \frac{9}{20} + \frac{6}{20} = \frac{15}{20} = \frac{3}{4}$

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

6. $\frac{2}{5} + \frac{5}{10} = \frac{4}{10} + \frac{5}{10} = \frac{9}{10}$

7. $\frac{3}{4} + \frac{1}{2} = \frac{3}{4} + \frac{2}{4} = \frac{5}{4} = 1\frac{1}{4}$

8. $\frac{5}{10} + \frac{3}{5} + \frac{4}{20} = \frac{10}{20} + \frac{12}{20} + \frac{4}{20} = \frac{26}{20} = \frac{13}{10} = 1\frac{3}{10}$

9. $\frac{4}{6} + \frac{3}{12} = \frac{8}{12} + \frac{3}{12} = \frac{11}{12}$

10. $\frac{2}{3} + \frac{3}{4} = \frac{8}{12} + \frac{9}{12} = \frac{17}{12} = 1\frac{5}{12}$

11. $\frac{3}{4} + \frac{5}{12} = \frac{9}{12} + \frac{5}{12} = \frac{14}{12} = 1\frac{2}{12} = 1\frac{1}{6}$

12. $\frac{1}{2} + \frac{4}{11} = \frac{11}{22} + \frac{8}{22} = \frac{19}{22}$

13. $\frac{1}{3} + \frac{4}{7} = \frac{7}{21} + \frac{12}{21} = \frac{19}{21}$

14. $\frac{3}{5} + \frac{2}{4} = \frac{12}{20} + \frac{10}{20} = \frac{22}{20} = 1\frac{2}{20} = 1\frac{1}{10}$

15. $\frac{12}{15} + \frac{2}{5} = \frac{12}{15} + \frac{6}{15} = \frac{18}{15} = 1\frac{3}{15} = 1\frac{1}{5}$

16. $\frac{3}{4} + \frac{2}{8} + \frac{4}{12} = \frac{18}{24} + \frac{6}{24} + \frac{8}{24} = \frac{32}{24} = 1\frac{8}{24} = 1\frac{1}{3}$