Addition and Subtraction of Mixed Numbers (Common Denominators) Answers

Adding Mixed Numbers with Common Denominators

1. $1\frac{6}{8} + 1\frac{4}{8} = 2\frac{10}{8} = 3\frac{2}{8} = 3\frac{1}{4}$
2. $2\frac{7}{12} + 2\frac{3}{12} = 4\frac{10}{12} = 4\frac{5}{6}$
3. $3\frac{6}{7} + 2\frac{6}{7} = 5\frac{12}{7} = 6\frac{5}{7}$
4. $1\frac{11}{20} + 3\frac{7}{20} = 4\frac{18}{20} = 4\frac{9}{10}$
5. $14\frac{1}{4} + 6\frac{3}{4} = 21$
6. $5\frac{4}{6} + 9\frac{5}{6} = 14\frac{9}{6} = 15\frac{3}{6} = 15\frac{1}{2}$
7. $2\frac{3}{10} + 5\frac{2}{10} = 7\frac{5}{10} = 7\frac{1}{2}$
8. $1\frac{7}{12} + 8\frac{6}{12} = 9\frac{13}{12} = 10\frac{1}{12}$
9. $2\frac{3}{4} + 9\frac{3}{4} = 11\frac{6}{4} = 12\frac{2}{4} = 12\frac{1}{2}$
10. $3\frac{3}{5} + 7\frac{3}{5} = 10\frac{6}{5} = 11\frac{1}{5}$
11. $7\frac{3}{11} + 3\frac{7}{11} = 10\frac{10}{11}$
12. $4\frac{3}{9} + 5\frac{4}{9} = 9\frac{7}{9}$
13. $2\frac{2}{3} + 3\frac{4}{3} = 5\frac{6}{3} = 7$
14. $5\frac{7}{8} + 2\frac{4}{8} = 7\frac{11}{8} = 8\frac{3}{8}$
15. $1\frac{12}{15} + 3\frac{7}{15} = 4\frac{19}{15} = 5\frac{4}{15}$
16. $3\frac{4}{5} + 2\frac{2}{5} + 5\frac{3}{5} = 10\frac{9}{5} = 11\frac{4}{5}$

Subtracting Mixed Numbers with Common Denominators

1. $1\frac{3}{3} - 1\frac{2}{3} = \frac{1}{3}$

2. $3\frac{5}{6} - \frac{1}{6} = 3\frac{4}{6} = 3\frac{2}{3}$

3. $4\frac{8}{3} - 2\frac{5}{3} = 2\frac{3}{3} = 3$

4. $2\frac{10}{11} - 1\frac{5}{11} = 1\frac{5}{11}$

5. $5\frac{16}{20} - 3\frac{10}{20} = 2\frac{6}{20} = 2\frac{3}{10}$

6. $3\frac{9}{10} - 2\frac{4}{10} = 1\frac{5}{10} = 1\frac{1}{2}$

7. $8\frac{12}{6} - 4\frac{8}{6} = 4\frac{4}{6} = 4\frac{2}{3}$

8. $1\frac{13}{16} - \frac{15}{16} = \frac{29}{16} - \frac{15}{16} = \frac{14}{16} = \frac{7}{8}$

9. $3\frac{10}{12} - 1\frac{6}{12} = 2\frac{4}{12} = 2\frac{2}{6} = 2\frac{1}{3}$

10. $6\frac{6}{4} - 3\frac{3}{4} = 3\frac{3}{4}$

11. $7\frac{11}{15} - 3\frac{8}{15} = 4\frac{3}{15} = 4\frac{1}{5}$

12. $\frac{18}{9} - 1\frac{2}{9} = \frac{18}{9} - \frac{11}{9} = \frac{7}{9}$

13. $7\frac{5}{2} - 3\frac{2}{2} = 4\frac{3}{2} = 5\frac{1}{2}$

14. $6\frac{4}{5} - \frac{7}{5} = 5\frac{9}{5} - \frac{7}{5} = 5\frac{2}{5}$

15. $3\frac{7}{8} - 1\frac{9}{8} = 2\frac{15}{8} - 1\frac{9}{8} = 1\frac{6}{8} = 1\frac{3}{4}$

16. $1\frac{25}{30} - \frac{40}{30} = \frac{55}{30} - \frac{40}{30} = \frac{15}{30} = \frac{1}{2}$

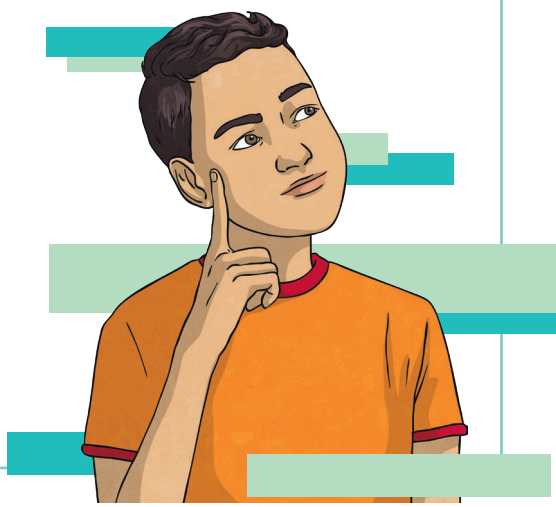
Addition and Subtraction of Mixed Numbers (Common Denominators)

When you are adding and subtracting fractions, you should always show your answer in the simplest form.

e.g. $1\frac{3}{6} + 2\frac{1}{6} = 3\frac{4}{6} = 3\frac{2}{3}$ $\quad 4\frac{7}{8} - 1\frac{3}{8} = 3\frac{4}{8} = 3\frac{1}{2}$

Adding Mixed Numbers with Common Denominators

1. $1\frac{6}{8} + 1\frac{4}{8} =$ _____
2. $2\frac{7}{12} + 2\frac{3}{12} =$ _____
3. $3\frac{6}{7} + 2\frac{6}{7} =$ _____
4. $1\frac{11}{20} + 3\frac{7}{20} =$ _____
5. $14\frac{1}{4} + 6\frac{3}{4} =$ _____
6. $5\frac{4}{6} + 9\frac{5}{6} =$ _____
7. $2\frac{3}{10} + 5\frac{2}{10} =$ _____
8. $1\frac{7}{12} + 8\frac{6}{12} =$ _____
9. $2\frac{3}{4} + 9\frac{3}{4} =$ _____
10. $3\frac{3}{5} + 7\frac{3}{5} =$ _____
11. $7\frac{3}{11} + 3\frac{7}{11} =$ _____
12. $4\frac{3}{9} + 5\frac{4}{9} =$ _____
13. $2\frac{2}{3} + 3\frac{4}{3} =$ _____
14. $5\frac{7}{8} + 2\frac{4}{8} =$ _____
15. $1\frac{12}{15} + 3\frac{7}{15} =$ _____
16. $3\frac{4}{5} + 2\frac{2}{5} + 5\frac{3}{5} =$ _____



Subtracting Mixed Numbers with Common Denominators

1. $1\frac{3}{3} - 1\frac{2}{3} =$ _____

2. $3\frac{5}{6} - \frac{1}{6} =$ _____

3. $4\frac{8}{3} - 2\frac{5}{3} =$ _____

4. $2\frac{10}{11} - 1\frac{5}{11} =$ _____

5. $5\frac{16}{20} - 3\frac{10}{20} =$ _____

6. $3\frac{9}{10} - 2\frac{4}{10} =$ _____

7. $8\frac{12}{6} - 4\frac{8}{6} =$ _____

8. $1\frac{13}{16} - \frac{15}{16} =$ _____

9. $3\frac{10}{12} - 1\frac{6}{12} =$ _____

10. $6\frac{6}{4} - 3\frac{3}{4} =$ _____

11. $7\frac{11}{15} - 3\frac{8}{15} =$ _____

12. $\frac{18}{9} - 1\frac{2}{9} =$ _____

13. $7\frac{5}{2} - 3\frac{2}{2} =$ _____

14. $6\frac{4}{5} - \frac{7}{5} =$ _____

15. $3\frac{7}{8} - 1\frac{9}{8} =$ _____

16. $1\frac{25}{30} - \frac{40}{30} =$ _____