

ADD FRACTIONS, SUBTRACT FRACTIONS PROBLEMS

To see the answer, pass your mouse over the colored area.

To cover the answer again, click "Refresh" ("Reload").

Do the problem yourself first!

11. Calculate the following.

11. a) $3 \text{ sevenths} + 2 \text{ sevenths} =$ b) $\frac{3}{7} + \frac{2}{7} =$

11. c) $\frac{3}{7} - \frac{2}{7} =$ d) $\frac{15}{16} - \frac{5}{16} =$

11. e) $\frac{3}{5} + \frac{1}{5} + \frac{4}{5} =$ f) $\frac{2}{4} + \frac{1}{4} + \frac{3}{4} =$ g) $\frac{10}{15} + \frac{8}{15} - \frac{4}{15} =$

12. Choose the LCM of denominators to calculate the following.

12. a) $\frac{2}{3} + \frac{1}{6} =$ b) $\frac{5}{12} + \frac{1}{4} =$ c) $\frac{1}{2} + \frac{5}{32} =$

12. d) $\frac{3}{5} - \frac{2}{15} =$ e) $\frac{3}{8} - \frac{7}{32} =$ f) $\frac{15}{16} - \frac{3}{4} =$

13. Choose the LCM of denominators to calculate the following.

13. a) $\frac{5}{6} + \frac{5}{9} =$ b) $\frac{3}{4} + \frac{5}{6} =$ c) $\frac{5}{6} + \frac{3}{8} =$

13. d) $\frac{11}{15} - \frac{7}{10} =$ e) $\frac{7}{8} - \frac{5}{12} =$ f) $\frac{8}{9} - \frac{5}{12} =$

14. Calculate the following.

14. a) $\frac{1}{2} + \frac{1}{3} =$ b) $\frac{3}{8} + \frac{2}{5} =$ c) $\frac{7}{9} + \frac{7}{10} =$

14. d) $\frac{2}{7} - \frac{1}{5} =$ e) $\frac{3}{4} - \frac{2}{3} =$ f) $\frac{7}{8} - \frac{5}{9} =$

15. Add.

15. a) $\frac{1}{2} + \frac{1}{3} + \frac{1}{4} =$ b) $\frac{1}{2} + \frac{3}{4} + \frac{4}{5} =$ c) $\frac{1}{2} + \frac{5}{6} - \frac{3}{4} =$

16. Mental calculation.

16. a) $\frac{1}{2} + \frac{1}{4} =$

b) $\frac{1}{2} + \frac{1}{8} =$

c) $\frac{1}{2} + \frac{2}{10} =$

16. d) $\frac{1}{2} + \frac{3}{4} =$

e) $\frac{1}{2} + \frac{1}{16} =$

f) $\frac{1}{2} + \frac{5}{12} =$

17. Mental calculation.

17. a) $\frac{1}{2} + \frac{1}{4} + \frac{1}{8} =$

b) $\frac{1}{2} + \frac{3}{8} + \frac{5}{16} =$

c) $\frac{1}{4} + \frac{5}{8} + \frac{3}{16} =$

18. What number must you add to each of the following to make 1?

18 Compare Example 8.

a) $\frac{1}{2} + \frac{1}{3} + \frac{1}{6} =$

b) $\frac{2}{5} + \frac{1}{6} + \frac{13}{30} =$

c) $\frac{1}{8} + \frac{3}{4} + \frac{1}{8} =$

19. Three candidates were running for office. One of them got half the
10. vote. Another got two fifths of the vote. What fraction did the
third candidate get?

10. On the first day, Claude read half the book. On the second day, he
10. read three eighths more, and 40 pages remained. How many pages
10. were there in the book?

11. Add these mixed numbers.

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

10. b) $8\frac{2}{9} + 7\frac{3}{9} =$

10. c) $3\frac{2}{4} + 4\frac{3}{4} =$

18. d) $6\frac{5}{8} + 2\frac{7}{8} =$

e) $4\frac{5}{6} + 3\frac{5}{6} =$

f) $1\frac{2}{3} + 8\frac{1}{3} =$

12. Add.

19. a) $3\frac{1}{4} + 2\frac{5}{8} =$

b) $2\frac{5}{6} + 7\frac{5}{18} =$

c) $7\frac{3}{4} + 1\frac{5}{16} =$

11. d) $6\frac{4}{5} + 9\frac{1}{2} =$

e) $4\frac{3}{4} + 1\frac{5}{6} =$

f) $3\frac{2}{9} + 2\frac{5}{6} =$

13. Subtract.

10. a) $5\frac{3}{4} - 2\frac{1}{4} =$

b) $4\frac{4}{5} - 1\frac{1}{5} =$

c) $3\frac{5}{8} - 3\frac{3}{8} =$

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or

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