SUBTRACTING FRACTIONS WITH UNLIKE DENOMINATORS

ANSWERS

HELPFUL EXAMPLE

$$\frac{4}{5} - \frac{3}{10} = \frac{8}{10} - \frac{3}{10} = \frac{5 \div 5}{10 \div 5} = \frac{1}{2}$$

COMMON DENOMINATOR IS 10.

SIMPLIFY.

DIVIDE BOTH BY 5.

SOMETIMES YOU WILL NEED TO ***SIMPLIFY***. REMEMBER, YOU MUST DO THE SAME TO THE NUMERATOR AND DENOMINATOR, OR WHAT EVER YOU DO TO THE TOP YOU MUST DO TO THE BOTTOM.

SUBTRACT. SIMPLIFY WHEN NEEDED.

1. $\frac{5}{12} - \frac{1}{4} = \frac{1}{6}$
2. $\frac{2}{3} - \frac{3}{8} = \frac{7}{24}$
3. $\frac{11}{14} - \frac{2}{7} = \frac{1}{2}$
4. $\frac{17}{18} - \frac{1}{9} = \frac{5}{6}$
5. $\frac{12}{21} - \frac{2}{7} = \frac{2}{7}$
6. $\frac{5}{6} - \frac{1}{2} = \frac{1}{3}$
7. $\frac{14}{15} - \frac{5}{9} = \frac{17}{45}$
8. $\frac{2}{5} - \frac{2}{10} = \frac{1}{5}$
9. $\frac{7}{8} - \frac{5}{7} = \frac{9}{56}$
10. $\frac{2}{3} - \frac{4}{15} = \frac{2}{5}$
11. $\frac{19}{24} - \frac{1}{6} = \frac{5}{8}$
12. $\frac{11}{12} - \frac{5}{16} = \frac{29}{48}$
13. $\frac{5}{18} - \frac{1}{9} = \frac{1}{6}$
14. $\frac{1}{2} - \frac{3}{14} = \frac{2}{7}$
15. $\frac{6}{11} - \frac{5}{33} = \frac{13}{33}$
16. $\frac{12}{15} - \frac{3}{4} = \frac{1}{20}$
17. $\frac{5}{6} - \frac{11}{14} = \frac{1}{21}$
18. $\frac{19}{21} - \frac{3}{4} = \frac{13}{84}$
19. $\frac{1}{2} - \frac{7}{20} = \frac{3}{20}$
20. $\frac{11}{12} - \frac{1}{4} = \frac{2}{3}$
21. $\frac{13}{18} - \frac{3}{24} = \frac{43}{72}$
22. $\frac{1}{2} - \frac{5}{20} = \frac{1}{4}$
23. $\frac{5}{7} - \frac{1}{3} = \frac{8}{21}$
24. $\frac{15}{18} - \frac{1}{6} = \frac{2}{3}$
25. $\frac{1}{4} - \frac{3}{20} = \frac{1}{10}$
26. $\frac{19}{27} - \frac{23}{54} = \frac{5}{18}$
27. $\frac{5}{5} - \frac{2}{7} = \frac{5}{7}$
28. $\frac{19}{20} - \frac{3}{4} = \frac{1}{5}$