

LESSON 18

Addition Of Like Fractions

Like fractions are fractions with the same denominators. The sum of two or more like fractions can be found by adding their numerators and keeping the denominators the same.

Example 1: Add

$$\frac{3}{7} + \frac{2}{7}$$

Solution: Add the $3 + 2 = 5$

$$\frac{3}{7} + \frac{2}{7} = \frac{5}{7}$$

Example 2: Add

$$\frac{3}{20} + \frac{7}{20}$$

We can reduce after adding.

$$\frac{3}{20} + \frac{7}{20} = \frac{10}{20} = \frac{1}{2}$$

Add Each Pair Of Like Fractions

1. $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$	11. $\frac{9}{2} + \frac{12}{2} = \frac{21}{2}$	21. $\frac{41}{96} + \frac{23}{96} = \frac{64}{96} = \frac{2}{3}$
2. $\frac{6}{13} + \frac{2}{13} = \frac{8}{13}$	12. $\frac{13}{5} + \frac{6}{5} = \frac{19}{5}$	22. $\frac{22}{81} + \frac{32}{81} = \frac{54}{81} = \frac{2}{3}$
3. $\frac{5}{12} + \frac{1}{12} = \frac{6}{12} = \frac{1}{2}$	13. $\frac{24}{7} + \frac{13}{7} = \frac{37}{7}$	23. $\frac{19}{75} + \frac{26}{75} = \frac{45}{75} = \frac{3}{5}$
4. $\frac{5}{14} + \frac{3}{14} = \frac{8}{14} = \frac{4}{7}$	14. $\frac{14}{9} + \frac{28}{9} = \frac{42}{9} = \frac{14}{3}$	24. $\frac{25}{96} + \frac{47}{96} = \frac{72}{96} = \frac{3}{4}$
5. $\frac{2}{15} + \frac{7}{15} = \frac{9}{15} = \frac{3}{5}$	15. $\frac{14}{3} + \frac{26}{3} = \frac{40}{3}$	25. $\frac{13}{98} + \frac{15}{98} = \frac{28}{98} = \frac{2}{7}$
6. $\frac{4}{11} + \frac{2}{11} = \frac{6}{11}$	16. $\frac{52}{8} + \frac{55}{8} = \frac{107}{8}$	26. $\frac{21}{100} + \frac{9}{100} = \frac{30}{100} = \frac{3}{10}$
7. $\frac{7}{20} + \frac{3}{20} = \frac{10}{20} = \frac{1}{2}$	17. $\frac{17}{4} + \frac{70}{4} = \frac{87}{4}$	27. $\frac{43}{100} + \frac{47}{100} = \frac{90}{100} = \frac{9}{10}$
8. $\frac{8}{25} + \frac{7}{25} = \frac{15}{25} = \frac{3}{5}$	18. $\frac{3}{5} + \frac{81}{5} = \frac{84}{5}$	28. $\frac{225}{100} + \frac{75}{100} = \frac{300}{1000} = \frac{3}{10}$
9. $\frac{11}{24} + \frac{17}{24} = \frac{28}{24} = \frac{7}{6}$	19. $\frac{22}{10} + \frac{53}{10} = \frac{75}{10} = 7\frac{1}{2}$	29. $\frac{100}{1000} + \frac{25}{1000} = \frac{125}{1000} = \frac{1}{8}$
10. $\frac{5}{36} + \frac{19}{36} = \frac{24}{36} = \frac{2}{3}$	20. $\frac{42}{12} + \frac{23}{12} = \frac{65}{12}$	30. $\frac{340}{1000} + \frac{35}{1000} = \frac{375}{1000} = \frac{3}{8}$