

$$1. \quad \frac{1}{2} + \frac{1}{3} = \frac{3}{6} + \frac{2}{6} = \frac{5}{6}$$

$$2. \quad \frac{1}{3} + \frac{1}{4} = \frac{4}{12} + \frac{3}{12} = \frac{7}{12}$$

$$3. \quad \frac{1}{5} + \frac{1}{2} = \frac{2}{10} + \frac{5}{10} = \frac{7}{10}$$

$$4. \quad \frac{1}{6} + \frac{1}{5} = \frac{5}{30} + \frac{6}{30} = \frac{11}{30}$$

$$5. \quad \frac{1}{2} + \frac{1}{7} = \frac{7}{14} + \frac{2}{14} = \frac{9}{14}$$

$$6. \quad \frac{1}{8} + \frac{1}{3} = \frac{3}{24} + \frac{8}{24} = \frac{11}{24}$$

$$7. \quad \frac{1}{9} + \frac{1}{4} = \frac{4}{36} + \frac{9}{36} = \frac{13}{36}$$

$$8. \quad \frac{1}{5} + \frac{1}{8} = \frac{8}{40} + \frac{5}{40} = \frac{13}{40}$$

$$9. \quad \frac{1}{10} + \frac{1}{3} = \frac{3}{30} + \frac{10}{30} = \frac{13}{30}$$

$$10. \quad \frac{2}{3} + \frac{4}{5} = \frac{10}{15} + \frac{12}{15} = \frac{22}{15} = 1 \frac{7}{15}$$

$$11. \quad \frac{3}{2} + \frac{2}{3} = \frac{9}{6} + \frac{4}{6} = \frac{13}{6} = 2 \frac{1}{6}$$

$$12. \quad \frac{3}{4} + \frac{2}{5} = \frac{15}{20} + \frac{8}{20} = \frac{23}{20} = 1 \frac{3}{20}$$

$$13. \quad \frac{5}{6} + \frac{2}{5} = \frac{25}{30} + \frac{12}{30} = \frac{37}{30} = 1 \frac{7}{30}$$

$$14. \quad \frac{4}{7} + \frac{3}{2} = \frac{8}{14} + \frac{21}{14} = \frac{29}{14} = 2 \frac{1}{14}$$

$$15. \quad \frac{5}{8} + \frac{2}{3} = \frac{15}{24} + \frac{16}{24} = \frac{31}{24} = 1 \frac{7}{24}$$

$$16. \quad \frac{5}{9} + \frac{1}{2} = \frac{10}{18} + \frac{9}{18} = \frac{19}{18} = 1 \frac{1}{18}$$

$$17. \quad \frac{5}{12} + \frac{3}{5} = \frac{25}{60} + \frac{36}{60} = \frac{61}{60} = 1 \frac{1}{60}$$

$$18. \quad \frac{5}{3} + \frac{7}{10} = \frac{50}{30} + \frac{21}{30} = \frac{71}{30} = 2 \frac{11}{30}$$

$$19. \frac{1}{2} - \frac{1}{3} = \frac{3}{6} - \frac{2}{6} = \frac{1}{6}$$

$$20. \frac{1}{3} - \frac{1}{5} = \frac{5}{15} - \frac{3}{15} = \frac{2}{15}$$

$$21. \frac{3}{4} - \frac{1}{3} = \frac{9}{12} - \frac{4}{12} = \frac{5}{12}$$

$$22. \frac{4}{5} - \frac{1}{6} = \frac{24}{30} - \frac{5}{30} = \frac{19}{30}$$

$$23. \frac{1}{2} - \frac{2}{7} = \frac{7}{14} - \frac{4}{14} = \frac{3}{14}$$

$$24. \frac{4}{5} - \frac{3}{4} = \frac{16}{20} - \frac{15}{20} = \frac{1}{20}$$

$$25. \frac{7}{12} - \frac{3}{8} = \frac{14}{24} - \frac{9}{24} = \frac{5}{24}$$

$$26. \frac{11}{18} - \frac{5}{12} = \frac{22}{36} - \frac{15}{36} = \frac{7}{36}$$

$$27. \frac{16}{25} - \frac{3}{20} = \frac{64}{100} - \frac{15}{100} = \frac{49}{100}$$

$$28. \frac{9}{10} - \frac{7}{12} = \frac{54}{60} - \frac{35}{60} = \frac{19}{60}$$

$$29. \frac{8}{9} - \frac{7}{12} = \frac{32}{36} - \frac{21}{36} = \frac{11}{36}$$

$$30. \frac{3}{4} + \frac{5}{6} = \frac{9}{12} + \frac{10}{12} = \frac{19}{12} = 1 \frac{7}{12}$$

$$31. \frac{3}{8} - \frac{2}{9} = \frac{27}{72} - \frac{16}{72} = \frac{11}{72}$$

$$32. \frac{3}{10} + \frac{4}{25} = \frac{15}{50} + \frac{8}{50} = \frac{23}{50}$$

$$33. \frac{11}{12} - \frac{1}{13} = \frac{143}{156} - \frac{12}{156} = \frac{131}{156}$$

$$34. \frac{4}{9} + \frac{3}{5} = \frac{20}{45} + \frac{27}{45} = \frac{47}{45} = 1 \frac{2}{45}$$

$$35. \frac{9}{14} - \frac{5}{28} = \frac{18}{28} - \frac{5}{28} = \frac{13}{28}$$

$$36. \frac{2}{15} + \frac{3}{4} = \frac{8}{60} + \frac{45}{60} = \frac{53}{60}$$

$$37. \frac{11}{24} - \frac{5}{16} = \frac{22}{48} - \frac{15}{48} = \frac{7}{48}$$

$$38. \quad \frac{2}{11} + \frac{1}{2} = \frac{4}{22} + \frac{11}{22} = \frac{15}{\underline{\underline{22}}}$$

$$39. \quad \frac{1}{2} + \frac{1}{3} - \frac{4}{5} = \frac{15}{30} + \frac{10}{30} - \frac{24}{30} = \frac{1}{\underline{\underline{30}}}$$

$$40. \quad \frac{2}{3} - \frac{1}{6} + \frac{1}{8} = \frac{16}{24} - \frac{4}{24} + \frac{3}{24} = \frac{15}{24} = \frac{5}{\underline{\underline{8}}}$$

$$41. \quad \frac{2}{3} - \frac{1}{6} - \frac{1}{8} = \frac{16}{24} - \frac{4}{24} - \frac{3}{24} = \frac{9}{24} = \frac{3}{\underline{\underline{8}}}$$

$$42. \quad \frac{1}{2} - \frac{1}{3} + \frac{1}{4} - \frac{1}{8} = \frac{12}{24} - \frac{8}{24} + \frac{6}{24} - \frac{3}{24} = \frac{7}{\underline{\underline{24}}}$$

$$43. \quad \frac{3}{4} - \frac{1}{3} - \frac{2}{5} + \frac{13}{20} = \frac{45}{60} - \frac{20}{60} - \frac{24}{60} + \frac{39}{60} = \frac{40}{60} = \frac{2}{\underline{\underline{3}}}$$

$$44. \quad 2\frac{1}{2} - 1\frac{1}{4} = \frac{5}{2} - \frac{5}{4} = \frac{10}{4} - \frac{5}{4} = \frac{5}{4} = \underline{\underline{1\frac{1}{4}}}$$

$$45. \quad 3\frac{1}{2} - 1\frac{3}{4} = \frac{7}{2} - \frac{7}{4} = \frac{14}{4} - \frac{7}{4} = \frac{7}{4} = \underline{\underline{1\frac{3}{4}}}$$

$$46. \quad 2\frac{4}{5} - 1\frac{2}{3} = \frac{14}{5} - \frac{5}{3} = \frac{42}{15} - \frac{25}{15} = \frac{17}{15} = \underline{\underline{1\frac{2}{15}}}$$

$$47. \quad 4\frac{1}{2} - 3\frac{2}{3} = \frac{9}{2} - \frac{11}{3} = \frac{27}{6} - \frac{22}{6} = \frac{5}{\underline{\underline{6}}}$$

$$48. \quad 8\frac{2}{3} - 3\frac{3}{4} = \frac{26}{3} - \frac{15}{4} = \frac{104}{12} - \frac{45}{12} = \frac{59}{12} = \underline{\underline{4\frac{11}{12}}}$$

$$49. \quad 5\frac{1}{3} - 1\frac{1}{2} = \frac{16}{3} - \frac{3}{2} = \frac{32}{6} - \frac{9}{6} = \frac{23}{6} = \underline{\underline{3\frac{5}{6}}}$$

$$50. \quad 2\frac{1}{2} + 1\frac{1}{3} - 1\frac{3}{4} = \frac{5}{2} + \frac{4}{3} - \frac{7}{4} = \frac{30}{12} + \frac{16}{12} - \frac{21}{12} = \frac{25}{12} = \underline{\underline{2\frac{1}{12}}}$$

$$51. \quad 3\frac{1}{2} + 2\frac{1}{2} - 4\frac{1}{3} = \frac{7}{2} + \frac{5}{2} - \frac{13}{3} = \frac{21}{6} + \frac{15}{6} - \frac{26}{6} = \frac{10}{6} = \frac{5}{3} = \underline{\underline{1\frac{2}{3}}}$$

$$52. \quad 5\frac{1}{4} - 2\frac{1}{3} + 1\frac{1}{4} = \frac{21}{4} - \frac{7}{3} + \frac{5}{4} = \frac{63}{12} - \frac{28}{12} + \frac{15}{12} = \frac{50}{12} = \frac{25}{6} = \underline{\underline{4\frac{1}{6}}}$$

$$53. \quad 4\frac{5}{6} - 1\frac{4}{5} - 2\frac{1}{3} = \frac{29}{6} - \frac{9}{5} - \frac{7}{3} = \frac{145}{30} - \frac{54}{30} - \frac{70}{30} = \frac{21}{30} = \frac{7}{\underline{\underline{10}}}$$

$$54. \left(2\frac{1}{2} - 1\frac{3}{4}\right) + \left(1\frac{2}{3} + 2\frac{1}{5}\right) = \frac{5}{2} - \frac{7}{4} + \frac{5}{3} + \frac{11}{5} = \frac{150}{60} - \frac{105}{60} + \frac{100}{60} + \frac{132}{60} = \frac{277}{60} = \underline{\underline{4\frac{37}{60}}}$$

$$55. \left(4\frac{3}{4} + 1\frac{1}{2}\right) - \left(3\frac{1}{2} - 2\frac{1}{3}\right) = \frac{19}{4} + \frac{3}{2} - \frac{7}{2} + \frac{7}{3} = \frac{57}{12} + \frac{18}{12} - \frac{42}{12} + \frac{28}{12} = \frac{61}{12} = \underline{\underline{5\frac{1}{12}}}$$

$$56. \left(2\frac{3}{4} - 1\frac{1}{5}\right) - \left(3\frac{1}{3} - 2\frac{1}{2}\right) = \frac{11}{4} - \frac{6}{5} - \frac{10}{3} + \frac{5}{2} = \frac{165}{60} - \frac{72}{60} - \frac{200}{60} + \frac{150}{60} = \frac{43}{60} = \underline{\underline{\frac{43}{60}}}$$

$$57. 5 - 1\frac{1}{2} + 2\frac{1}{3} - \frac{1}{2} - \frac{1}{3} = 5 - 2 + 2 = \underline{\underline{5}}$$

$$58. 2 - 1\frac{3}{5} + 2\frac{1}{3} - \frac{5}{6} + \frac{7}{4} - \frac{3}{20} = 2 - \frac{8}{5} + \frac{7}{3} - \frac{5}{6} + \frac{7}{4} - \frac{3}{20} = \frac{120}{60} - \frac{96}{60} + \frac{140}{60} - \frac{50}{60} + \frac{105}{60} - \frac{9}{60} \\ = \frac{210}{60} = \frac{7}{2} = \underline{\underline{3\frac{1}{2}}}$$

$$59. 1\frac{3}{4} + 1\frac{1}{5} - 2\frac{1}{2} - \frac{9}{20} = \frac{7}{4} + \frac{6}{5} - \frac{5}{2} - \frac{9}{20} = \frac{35}{20} + \frac{24}{20} - \frac{50}{20} - \frac{9}{20} = \frac{0}{20} = \underline{\underline{0}}$$

$$60. 3\frac{1}{2} - 2\frac{3}{4} - \frac{1}{3} + 1\frac{1}{2} = \frac{7}{2} - \frac{11}{4} - \frac{1}{3} + \frac{3}{2} = \frac{42}{12} - \frac{33}{12} - \frac{4}{12} + \frac{18}{12} = \frac{23}{12} = \underline{\underline{1\frac{11}{12}}}$$

$$61. 2\frac{2}{5} - 1\frac{1}{2} + 1\frac{3}{4} - 1\frac{2}{5} = \frac{12}{5} - \frac{3}{2} + \frac{7}{4} - \frac{7}{5} = \frac{48}{20} - \frac{30}{20} + \frac{35}{20} - \frac{28}{20} = \frac{25}{20} = \frac{5}{4} = \underline{\underline{1\frac{1}{4}}}$$