

$$51. \frac{1}{13} + \frac{3}{13} = \frac{1+3}{13} = \frac{4}{13}$$

$$52. 1\frac{4}{21} + \frac{5}{21} = \frac{1 \cdot 21 + 4}{21} + \frac{5}{21} = \frac{25}{21} + \frac{5}{21} = \frac{30}{21}$$

$$53. \frac{7}{18} + \frac{12}{18} = \frac{7+12}{18} = \frac{19}{18}$$

$$54. \frac{13}{9} - \frac{4}{9} = \frac{13-4}{9} = \frac{9}{9} = 1$$

$$55. \frac{13}{25} - \frac{3}{25} = \frac{13-3}{25} = \frac{10}{25} = \frac{2 \cdot 5}{5 \cdot 5} = \frac{2}{5}$$

$$56. 1\frac{5}{8} - \frac{7}{8} = \frac{1 \cdot 8 + 5}{8} - \frac{7}{8} = \frac{13}{8} - \frac{7}{8} = \frac{6}{8} = \frac{2 \cdot 3}{2 \cdot 4} = \frac{3}{4}$$

$$57. \frac{3}{10} - \frac{7}{10} = \frac{3-7}{10} = \frac{-4}{10} = -\frac{2 \cdot 2}{5 \cdot 2} = -\frac{2}{5}$$

$$58. \frac{200}{223} - \frac{11}{223} = \frac{200-11}{223} = \frac{189}{223}$$

$$59. \frac{8}{15} - 2\frac{4}{15} = \frac{8}{15} - \frac{(2 \cdot 15 + 4)}{15} = \frac{8}{15} - \frac{34}{15} = \frac{8-34}{15} = -\frac{26}{15}$$

$$60. \frac{1}{12} + \frac{11}{12} - \frac{7}{12} = \frac{1+11-7}{12} = \frac{5}{12}$$

$$61. \frac{1}{13} + 2\frac{1}{13} - \frac{2}{13} = \frac{1}{13} + \frac{(2 \cdot 13 + 1)}{13} - \frac{2}{13} = \frac{1}{13} + \frac{27}{13} - \frac{2}{13} = \frac{1+27-2}{13} = \frac{26}{13} = \frac{2 \cdot 13}{13 \cdot 1} = 2$$

$$62. \frac{55}{24} - 1\frac{3}{24} + 2\frac{5}{24} - \frac{37}{24} = \frac{55}{24} - \frac{(1 \cdot 24 + 3)}{24} + \frac{(2 \cdot 24 + 5)}{24} - \frac{37}{24} = \frac{55}{24} - \frac{27}{24} + \frac{53}{24} - \frac{37}{24} = \frac{55-27+53-37}{24}$$

$$= \frac{44}{24} = \frac{4 \cdot 11}{4 \cdot 6} = \frac{11}{6}$$