

$$a) \text{ I } (13\frac{3}{4} - 2\frac{1}{2}) - 8\frac{1}{4} = 13\frac{3}{4} - 2\frac{1}{2} - 8\frac{1}{4} =$$

$$= 5\frac{2}{4} - 2\frac{1}{2} = \frac{22}{4} - \frac{5}{2} = \frac{22-10}{4} = \frac{12}{4} = \underline{\underline{3}}$$

$$\text{II } (13\frac{3}{4} - 2\frac{1}{2}) - 8\frac{1}{4} = (\frac{55}{4} - \frac{5}{2}) - \frac{33}{4} =$$

$$= (\frac{55-10}{4}) - \frac{33}{4} = \frac{45}{4} - \frac{33}{4} = \frac{12}{4} = \underline{\underline{3}}$$

$$d) \text{ I } (36\frac{19}{24} + 11\frac{9}{10}) - 13\frac{9}{10} = 36\frac{19}{24} + 11\frac{9}{10} - 13\frac{9}{10} =$$

$$= 36\frac{19}{24} - 2 = \underline{\underline{34\frac{19}{24}}}$$

$$\text{II } (36\frac{19}{24} + 11\frac{9}{10}) - 13\frac{9}{10} = (\frac{883}{24} + \frac{119}{10}) - \frac{139}{10} =$$

$$= (\frac{8830 + 2856}{240}) - \frac{139}{10} = \frac{11686}{240} - \frac{139}{10} =$$

$$= \frac{11686 - 3336}{240} = \frac{8350}{240} = \frac{835}{24} = \underline{\underline{34\frac{19}{24}}}$$

$$b) \text{ I } 21\frac{4}{5} - (17\frac{11}{36} - 4\frac{2}{3}) = 21\frac{4}{5} - 17\frac{11}{36} + 4\frac{2}{3} =$$

$$= \frac{36}{109} - \frac{5}{623} + \frac{60}{14} = \frac{3924 - 3115 + 840}{180} = \frac{1649}{180} =$$

$$= \underline{\underline{9\frac{29}{180}}}$$

$$\text{II } 21\frac{4}{5} - (17\frac{11}{36} - 4\frac{2}{3}) = 21\frac{4}{5} - (\frac{623}{36} - \frac{14}{3}) = \frac{109}{5} - (\frac{623-168}{36}) =$$

$$= \frac{109}{5} - (\frac{455}{36}) = \frac{36}{109} - \frac{5}{455} = \frac{3924 - 2275}{180} = \frac{1649}{180} = \underline{\underline{9\frac{29}{180}}}$$

$$2) \text{ I } 53 \frac{31}{36} - \left(17 \frac{11}{36} - 4 \frac{2}{3} \right) = 53 \frac{31}{36} - 17 \frac{11}{36} + 4 \frac{2}{3} =$$

$$= 36 \frac{20}{36} + 4 \frac{2}{3} = 36 \frac{10}{18} + 4 \frac{2}{3} = 36 \frac{5}{9} + 4 \frac{2}{3} =$$

$$= \frac{329}{9} + \frac{14}{3} = \frac{329 + 42}{9} = \frac{371}{9} = 41 \frac{2}{9}$$

$$\text{II } 53 \frac{31}{36} - \left(17 \frac{11}{36} - 4 \frac{2}{3} \right) = 53 \frac{31}{36} - \left(\frac{623}{36} - \frac{14}{3} \right) =$$

$$= 53 \frac{31}{36} - \left(\frac{623 - 168}{36} \right) = 53 \frac{31}{36} - \left(\frac{455}{36} \right) =$$

$$= 53 \frac{31}{36} - 12 \frac{23}{36} = 41 \frac{8}{36} = 41 \frac{2}{9}$$

$$9) \text{ I } 7 \frac{13}{47} - 1 \frac{5}{13} - 2 \frac{8}{13} = \frac{342}{47} - \frac{18}{13} - \frac{34}{13} =$$

$$= \frac{4446 - 846 - 1598}{611} = \frac{2002}{611} = 3 \frac{169}{611} = 3 \frac{13}{47}$$

$$\text{II } 7 \frac{13}{47} - 1 \frac{5}{13} - 2 \frac{8}{13} = 7 \frac{13}{47} - 3 \frac{13}{13} = 7 \frac{13}{47} - 4 =$$

$$= 3 \frac{13}{47}$$

$$e) \text{ I } 14\frac{7}{59} - 4\frac{9}{43} + 1\frac{9}{43} = \frac{833}{59} - \frac{58181}{43} + \frac{5852}{43} =$$

$$= \frac{35819 - 10679 + 3068}{2537} = \frac{28208}{2537} = 11\frac{301}{2537}$$

$$= 11\frac{7}{59}$$

$$\text{II } 14\frac{7}{59} - 4\frac{9}{43} + 1\frac{9}{43} = 14\frac{7}{59} - 3 = 11\frac{7}{59}$$

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в первом действии сначала
открытая скобка, а во втором —
сначала решаем то, что в скобках