

$$\frac{8 : (3 : (2 \frac{3}{4} + (-1 \frac{15}{28})) + \frac{2}{3} : \frac{3}{2}) + \frac{57}{223}}{14 \cdot (5 \frac{5}{7} - (+4 \frac{3}{4})) - 9 \frac{5}{7} - (-\frac{3}{14})} = \frac{153}{223}$$

$$1) 2 \frac{3}{4} + (-1 \frac{15}{28}) = 2 \frac{3}{4} - 1 \frac{15}{28} = 2 \frac{21}{28} - 1 \frac{15}{28} = 1 \frac{6}{28}$$

$$2) 3 : 1 \frac{6}{28} = 3 : \frac{34}{28} = \frac{3 \cdot 28}{34} = \frac{84}{34} = 2 \frac{16}{34} = 2 \frac{8}{17}$$

$$3) \frac{2}{3} : \frac{3}{2} = \frac{2 \cdot 2}{3 \cdot 3} = \frac{4}{9}$$

$$4) 2 \frac{8}{12} + \frac{4}{9} = 2 \frac{72}{153} + \frac{68}{153} = 2 \frac{140}{153}$$

$$5) 8 : 2 \frac{140}{153} = \frac{8 \cdot 153}{446_{223}} = \frac{612}{223}$$

$$6) \frac{612}{223} + \frac{57}{223} = \frac{669}{223}$$

$$7) 5 \frac{5}{7} - (+4 \frac{3}{4}) = 5 \frac{5}{7} - 4 \frac{3}{4} = 5 \frac{20}{28} - 4 \frac{21}{28} = 4 \frac{48}{28} - 4 \frac{21}{28} = \frac{27}{28}$$

$$8) 14 \frac{27}{28} = \frac{27}{2} = 13 \frac{1}{2}$$

$$9) 13 \frac{1}{2} - 9 \frac{5}{7} = 13 \frac{7}{14} - 9 \frac{10}{14} = 12 \frac{21}{14} - 9 \frac{10}{14} = 3 \frac{11}{14}$$

$$10) 3 \frac{11}{14} - (-\frac{3}{14}) = 3 \frac{11}{14} + \frac{3}{14} = 3 \frac{14}{14} = 4$$

$$11) \frac{612}{223} : 4 = \frac{612 \cdot 153}{223 \cdot 4} = \frac{153}{223}$$