

$$1) a) 5\frac{5}{9} + 2\frac{1}{18} = \frac{50}{9} + \frac{37}{18} = \frac{100+37}{18} = \frac{137}{18} = 7\frac{11}{18}$$

$$b) 5\frac{7}{24} - 3\frac{11}{36} = \frac{127}{24} - \frac{119}{36} = \frac{381-238}{72} = \frac{143}{72} = 1\frac{71}{72}$$

$$c) 2\frac{9}{26} + 3\frac{7}{39} - 4\frac{7}{13} = \frac{61}{26} + \frac{124}{39} - \frac{59}{13} = \frac{183+248-854}{78} = \frac{77}{78}$$

$$N2 \quad a) \frac{2x^4}{x \cdot 2} = 4 \quad b) \frac{26 \cdot 14}{11 \cdot 39} = \frac{364}{429} \quad c) \frac{2x \cdot 10 \cdot 11}{5 \cdot 21 \cdot 8} = \frac{11}{3}$$

$$N3 \quad \frac{4 \cdot 5}{24} + \frac{46 \cdot 21}{7 \cdot 4} - \frac{95}{12} = \frac{5}{6} + 12 - \frac{95}{12} = \frac{10+144-95}{12} = \frac{59}{12} = 4\frac{11}{12}$$

$$N4 \quad \frac{1}{12} + \frac{1}{21} + \frac{1}{28} = \frac{1}{t} \quad N = \frac{A}{t}$$

$$\frac{28 \cdot 21 + 12 \cdot 28 + 12 \cdot 21}{12 \cdot 21 \cdot 28} = \frac{1}{t} \Rightarrow t = \frac{12 \cdot 21 \cdot 28}{28 \cdot 21 + 12 \cdot 28 + 12 \cdot 21} = 6 \text{ quest.}$$