

$$1 - \frac{3}{2} + \frac{9}{7}$$

$$\frac{5}{4} - \frac{1}{3}$$

$$= \frac{\frac{2 \times 7}{2 \times 7} - \frac{3 \times 7}{2 \times 7} + \frac{9 \times 2}{7 \times 2}}{\frac{3 \times 5}{4 \times 3} - \frac{1 \times 4}{3 \times 4}}$$

$$= \frac{\frac{14}{14} - \frac{21}{14} + \frac{18}{14}}{\frac{15}{12} - \frac{4}{12}} = \frac{\frac{(14 - 21 + 18)}{14}}{\frac{11}{12}}$$

$$= \frac{\frac{11}{14}}{\frac{11}{12}} = \frac{11 \times 12}{11 \times 14} = \frac{12}{14} = \frac{2 \times 6}{2 \times 7}$$

$$= \frac{6}{7}$$