

分数のたし算・ひき算2 - 3

◆次の計算をしましょう。

$$\textcircled{1} \quad \frac{3}{2} + \frac{9}{8} + \frac{17}{16}$$

$$\textcircled{2} \quad \frac{1}{4} + \frac{3}{2} + \frac{5}{4}$$

$$\textcircled{3} \quad \frac{2}{3} + \frac{8}{7} + \frac{22}{21}$$

$$\textcircled{4} \quad \frac{9}{5} - \frac{1}{4} - \frac{1}{2}$$

$$\textcircled{5} \quad \frac{8}{7} - \frac{1}{2} - \frac{1}{4}$$

$$\textcircled{6} \quad \frac{11}{9} - \frac{2}{3} - \frac{1}{6}$$

$$\textcircled{7} \quad \frac{1}{3} + \frac{2}{9} - \frac{5}{12}$$

$$\textcircled{8} \quad \frac{5}{4} + \frac{1}{5} - \frac{8}{10}$$

$$\textcircled{9} \quad \frac{9}{6} - \frac{1}{12} + \frac{7}{15}$$

$$\textcircled{10} \quad \frac{3}{5} - \frac{1}{7} + \frac{11}{10}$$

答え

$$\textcircled{1} \frac{3}{2} + \frac{9}{8} + \frac{17}{16} = \frac{24}{16} + \frac{18}{16} + \frac{17}{16} = \frac{59}{16} = \frac{59}{16} = \frac{59}{16} = 3 \frac{11}{16}$$

$$\textcircled{2} \frac{1}{4} + \frac{3}{2} + \frac{5}{4} = \frac{1}{4} + \frac{6}{4} + \frac{5}{4} = \frac{12}{4} = \frac{3}{1} = 3 \left(\frac{3}{1} = 3 \frac{0}{1} \right)$$

$$\textcircled{3} \frac{2}{3} + \frac{8}{7} + \frac{22}{21} = \frac{14}{21} + \frac{24}{21} + \frac{22}{21} = \frac{60}{21} = \frac{20}{7} = \frac{20}{7} = 2 \frac{6}{7}$$

$$\textcircled{4} \frac{9}{5} - \frac{1}{4} - \frac{1}{2} = \frac{36}{20} - \frac{5}{20} - \frac{10}{20} = \frac{21}{20} = \frac{21}{20} = 1 \frac{1}{20}$$

$$\textcircled{5} \frac{8}{7} - \frac{1}{2} - \frac{1}{4} = \frac{32}{28} - \frac{14}{28} - \frac{7}{28} = \frac{11}{28} = \frac{11}{28}$$

$$\textcircled{6} \frac{11}{9} - \frac{2}{3} - \frac{1}{6} = \frac{22}{18} - \frac{12}{18} - \frac{3}{18} = \frac{7}{18} = \frac{7}{18}$$

$$\textcircled{7} \frac{1}{3} + \frac{2}{9} - \frac{5}{12} = \frac{12}{36} + \frac{8}{36} - \frac{15}{36} = \frac{5}{36} = \frac{5}{36}$$

$$\textcircled{8} \frac{5}{4} + \frac{1}{5} - \frac{8}{10} = \frac{25}{20} + \frac{4}{20} - \frac{16}{20} = \frac{13}{20} = \frac{13}{20}$$

$$\textcircled{9} \frac{9}{6} - \frac{1}{12} + \frac{7}{15} = \frac{90}{60} - \frac{5}{60} + \frac{28}{60} = \frac{113}{60} = \frac{113}{60} = 1 \frac{53}{60}$$

$$\textcircled{10} \frac{3}{5} - \frac{1}{7} + \frac{11}{10} = \frac{42}{70} - \frac{10}{70} + \frac{77}{70} = \frac{109}{70} = \frac{109}{70} = 1 \frac{39}{70}$$