1 次の計算をしなさい。

① $\left(\dfrac{2}{3}x+\dfrac{2}{9}\right)+\left(\dfrac{1}{7}x+\dfrac{4}{5}\right)$

② $\left(-\dfrac{1}{3}x+\dfrac{1}{4}\right)-\left(\dfrac{3}{4}x-\dfrac{1}{2}\right)$

③ $\left(\dfrac{4}{9}x-\dfrac{3}{8}\right)-\left(-\dfrac{1}{7}x-\dfrac{2}{5}\right)$

④ $\left(-\dfrac{2}{5}x-\dfrac{2}{9}\right)+\left(\dfrac{4}{7}x-\dfrac{2}{3}\right)$

⑤ $\left(-\dfrac{1}{3}x+\dfrac{1}{8}\right)+\left(\dfrac{4}{5}x+\dfrac{2}{9}\right)$

⑥ $\left(-\dfrac{2}{5}x+\dfrac{2}{3}\right)-\left(-\dfrac{3}{4}x-\dfrac{4}{5}\right)$

1 次の計算をしなさい。

① $\left(\dfrac{2}{3}x+\dfrac{2}{9}\right)+\left(\dfrac{1}{7}x+\dfrac{4}{5}\right)$

$=\dfrac{2}{3}x+\dfrac{2}{9}+\dfrac{1}{7}x+\dfrac{4}{5}$

$=\dfrac{2}{3}x+\dfrac{1}{7}x+\dfrac{2}{9}+\dfrac{4}{5}$

$=\dfrac{14}{21}x+\dfrac{3}{21}x+\dfrac{10}{45}+\dfrac{36}{45}$

$=\dfrac{17}{21}x+\dfrac{46}{45}$

② $\left(-\dfrac{1}{3}x+\dfrac{1}{4}\right)-\left(\dfrac{3}{4}x-\dfrac{1}{2}\right)$

$=-\dfrac{1}{3}x+\dfrac{1}{4}-\dfrac{3}{4}x+\dfrac{1}{2}$

$=-\dfrac{1}{3}x-\dfrac{3}{4}x+\dfrac{1}{4}+\dfrac{1}{2}$

$=-\dfrac{4}{12}x-\dfrac{9}{12}x+\dfrac{1}{4}+\dfrac{2}{4}$

$=-\dfrac{13}{12}x+\dfrac{3}{4}$

③ $\left(\dfrac{4}{9}x-\dfrac{3}{8}\right)-\left(-\dfrac{1}{7}x-\dfrac{2}{5}\right)$

$=\dfrac{4}{9}x-\dfrac{3}{8}+\dfrac{1}{7}x+\dfrac{2}{5}$

$=\dfrac{4}{9}x+\dfrac{1}{7}x-\dfrac{3}{8}+\dfrac{2}{5}$

$=\dfrac{28}{63}x+\dfrac{9}{63}x-\dfrac{15}{40}+\dfrac{16}{40}$

$=\dfrac{37}{63}x+\dfrac{1}{40}$

④ $\left(-\dfrac{2}{5}x-\dfrac{2}{9}\right)+\left(\dfrac{4}{7}x-\dfrac{2}{3}\right)$

$=-\dfrac{2}{5}x-\dfrac{2}{9}+\dfrac{4}{7}x-\dfrac{2}{3}$

$=-\dfrac{2}{5}x+\dfrac{4}{7}x-\dfrac{2}{9}-\dfrac{2}{3}$

$=-\dfrac{14}{35}x+\dfrac{20}{35}x-\dfrac{2}{9}-\dfrac{6}{9}$

$=\dfrac{6}{35}x-\dfrac{8}{9}$

⑤ $\left(-\dfrac{1}{3}x+\dfrac{1}{8}\right)+\left(\dfrac{4}{5}x+\dfrac{2}{9}\right)$

$=-\dfrac{1}{3}x+\dfrac{1}{8}+\dfrac{4}{5}x+\dfrac{2}{9}$

$=-\dfrac{1}{3}x+\dfrac{4}{5}x+\dfrac{1}{8}+\dfrac{2}{9}$

$=-\dfrac{5}{15}x+\dfrac{12}{15}x+\dfrac{9}{72}+\dfrac{16}{72}$

$=\dfrac{7}{15}x+\dfrac{25}{72}$

⑥ $\left(-\dfrac{2}{5}x+\dfrac{2}{3}\right)-\left(-\dfrac{3}{4}x-\dfrac{4}{5}\right)$

$=-\dfrac{2}{5}x+\dfrac{2}{3}+\dfrac{3}{4}x+\dfrac{4}{5}$

$=-\dfrac{2}{5}x+\dfrac{3}{4}x+\dfrac{2}{3}+\dfrac{4}{5}$

$=-\dfrac{8}{20}x+\dfrac{15}{20}x+\dfrac{10}{15}+\dfrac{12}{15}$

$=\dfrac{7}{20}x+\dfrac{22}{15}$