点

・ 分配法則を利用して、次の計算をしなさい。(各25点)

① $(-15) \times (\dfrac{2}{3} - \dfrac{3}{5})$

③ $(-45) \times (\dfrac{4}{9} + \dfrac{2}{5})$

② $(\dfrac{1}{12} - \dfrac{7}{8}) \times 24$

④ $(\dfrac{2}{7} - \dfrac{5}{6}) \times (-42)$

点

・ 分配法則を利用して、次の計算をしなさい。(各25点)

① $(-15) \times (\dfrac{2}{3} - \dfrac{3}{5})$

$= (-15) \times \dfrac{2}{3} + (-15) \times (-\dfrac{3}{5})$

$= -(\dfrac{\overset{5}{15}}{1} \times \dfrac{2}{3}) + (\dfrac{\overset{3}{15}}{1} \times \dfrac{3}{5})$

$= -10 + 9$

$= -1$

$\underline{\hspace{3em} -1 \hspace{3em}}$

③ $(-45) \times (\dfrac{4}{9} + \dfrac{2}{5})$

$= (-45) \times \dfrac{4}{9} + (-45) \times \dfrac{2}{5}$

$= -(\dfrac{\overset{5}{45}}{1} \times \dfrac{4}{9}) - (\dfrac{\overset{9}{45}}{1} \times \dfrac{2}{5})$

$= -20 - 18$

$= -38$

$\underline{\hspace{3em} -38 \hspace{3em}}$

② $(\dfrac{1}{12} - \dfrac{7}{8}) \times 24$

$= \dfrac{1}{12} \times 24 - \dfrac{7}{8} \times 24$

$= (\dfrac{1}{12} \times \dfrac{\overset{2}{24}}{1}) - (\dfrac{7}{8} \times \dfrac{\overset{3}{24}}{1})$

$= 2 - 21$

$= -19$

$\underline{\hspace{3em} -19 \hspace{3em}}$

④ $(\dfrac{2}{7} - \dfrac{5}{6}) \times (-42)$

$= \dfrac{2}{7} \times (-42) - \dfrac{5}{6} \times (-42)$

$= -(\dfrac{2}{7} \times \dfrac{\overset{6}{42}}{1}) + (\dfrac{5}{6} \times \dfrac{\overset{7}{42}}{1})$

$= -12 + 35$

$= 23$

$\underline{\hspace{3em} 23 \hspace{3em}}$