

問題1 次の計算をなさい。

$$\textcircled{1} \quad \frac{3}{4} \times \frac{3}{7} \times \frac{1}{2} = \frac{9}{56}$$

$$\textcircled{2} \quad \frac{3}{4} \times \frac{2}{7} \times \boxed{\frac{1}{2}} = \frac{3}{4} \times \frac{\cancel{2}^1}{7} \times \boxed{\frac{3}{\cancel{2}^1}} = \frac{9}{28}$$

$$\textcircled{3} \quad \frac{2}{5} \div \frac{14}{15} \times \frac{1}{2} = \frac{\cancel{2}^1}{\cancel{5}^1} \times \frac{\cancel{15}^3}{14} \times \frac{1}{\cancel{2}^1} = \frac{3}{14}$$

$$\textcircled{4} \quad \boxed{\frac{2}{5}} \div \frac{14}{15} \times \boxed{\frac{1}{2}} = \boxed{\frac{7}{5}} \div \frac{14}{15} \times \boxed{\frac{5}{2}} = \frac{\cancel{7}^1}{\cancel{5}^1} \times \frac{15}{\cancel{14}^2} \times \frac{\cancel{5}^1}{2} = \frac{15}{4} \left(3\frac{3}{4}\right)$$

$$\textcircled{5} \quad \frac{7}{12} \div \frac{1}{3} \div \frac{7}{3} = \frac{\cancel{7}^1}{\cancel{12}^4} \times \frac{\cancel{3}^1}{1} \times \frac{3}{\cancel{7}^1} = \frac{3}{4}$$

$$\textcircled{6} \quad \frac{7}{12} \div \boxed{\frac{1}{3}} \div \boxed{\frac{3}{4}} = \frac{7}{12} \div \boxed{\frac{7}{3}} \div \boxed{\frac{7}{4}} = \frac{\cancel{7}^1}{\cancel{12}^4} \times \frac{\cancel{3}^1}{\cancel{7}^1} \times \frac{\cancel{4}^1}{7} = \frac{1}{7}$$