

◆ 計算をしましょう。

$$\textcircled{1} \quad \frac{2}{5} \times \frac{2}{9} \div \frac{1}{4} = \frac{2}{5} \times \frac{2}{9} \times \frac{4}{1}$$

$$= \frac{2 \times 2 \times 4}{5 \times 9 \times 1} = \frac{16}{45}$$

$$\textcircled{2} \quad \frac{1}{3} \times \frac{2}{7} \div \frac{5}{9} = \frac{1}{3} \times \frac{2}{7} \times \frac{9}{5}$$

$$= \frac{1 \times 2 \times \overset{3}{\cancel{9}}}{\underset{1}{\cancel{3}} \times 7 \times 5} = \frac{6}{35}$$

$$\textcircled{3} \quad \frac{4}{7} \times 4 \frac{1}{2} \div \frac{3}{5} = \frac{4}{7} \times \frac{9}{2} \times \frac{5}{3}$$

$$= \frac{\overset{2}{\cancel{4}} \times \overset{3}{\cancel{9}} \times 5}{7 \times \underset{1}{\cancel{2}} \times \underset{1}{\cancel{3}}} = \frac{30}{7} \left( 4 \frac{2}{7} \right)$$

$$\textcircled{4} \quad \frac{7}{8} \div \frac{1}{4} \times \frac{3}{7} = \frac{7}{8} \times \frac{4}{1} \times \frac{3}{7}$$

$$= \frac{\underset{1}{\cancel{7}} \times \underset{1}{\cancel{4}} \times 3}{\underset{2}{\cancel{8}} \times 1 \times \underset{1}{\cancel{7}}} = \frac{3}{2} \left( 1 \frac{1}{2} \right)$$

$$\textcircled{5} \quad 1 \frac{3}{4} \div \frac{7}{9} \times \frac{2}{3} = \frac{7}{4} \times \frac{9}{7} \times \frac{2}{3}$$

$$= \frac{\underset{1}{\cancel{7}} \times \overset{3}{\cancel{9}} \times \underset{1}{\cancel{2}}}{\underset{2}{\cancel{4}} \times \underset{1}{\cancel{7}} \times \underset{1}{\cancel{3}}} = \frac{3}{2} \left( 1 \frac{1}{2} \right)$$

$$\textcircled{6} \quad \frac{5}{9} \div 5 \times \frac{18}{7} = \frac{5}{9} \times \frac{1}{5} \times \frac{18}{7}$$

$$= \frac{\underset{1}{\cancel{5}} \times 1 \times \overset{2}{\cancel{18}}}{\underset{1}{\cancel{9}} \times \underset{1}{\cancel{5}} \times 7} = \frac{2}{7}$$

$$\textcircled{7} \quad \frac{5}{6} \div \frac{4}{9} \div \frac{5}{7} = \frac{5}{6} \times \frac{9}{4} \times \frac{7}{5}$$

$$= \frac{\underset{1}{\cancel{5}} \times \overset{3}{\cancel{9}} \times 7}{\underset{2}{\cancel{6}} \times 4 \times \underset{1}{\cancel{5}}} = \frac{21}{8} \left( 2 \frac{5}{8} \right)$$

$$\textcircled{8} \quad \frac{5}{8} \div 2 \frac{1}{4} \div \frac{5}{21} = \frac{5}{8} \times \frac{4}{9} \times \frac{21}{5}$$

$$= \frac{\underset{1}{\cancel{5}} \times \underset{1}{\cancel{4}} \times \overset{7}{\cancel{21}}}{\underset{2}{\cancel{8}} \times \underset{3}{\cancel{9}} \times \underset{1}{\cancel{5}}} = \frac{7}{6} \left( 1 \frac{1}{6} \right)$$

$$\textcircled{9} \quad \frac{8}{9} \div \frac{16}{7} \div 7 = \frac{8}{9} \times \frac{7}{16} \times \frac{1}{7}$$

$$= \frac{\underset{1}{\cancel{8}} \times \underset{1}{\cancel{7}} \times 1}{\underset{2}{\cancel{9}} \times \underset{1}{\cancel{16}} \times \underset{1}{\cancel{7}}} = \frac{1}{18}$$

$$\textcircled{10} \quad 1 \frac{4}{5} \div 3 \div \frac{4}{5} = \frac{9}{5} \times \frac{1}{3} \times \frac{5}{4}$$

$$= \frac{\overset{3}{\cancel{9}} \times 1 \times \underset{1}{\cancel{5}}}{\underset{1}{\cancel{5}} \times \underset{1}{\cancel{3}} \times 4} = \frac{3}{4}$$