41 分数のかけ算（約分あり）→37, 40 へ

年　　組　　番　名前

● 計算のしかた ●

$$\frac{3}{10} \times \frac{5}{9} = \frac{\overset{1}{\cancel{3}} \times \overset{1}{\cancel{5}}}{\underset{2}{\cancel{10}} \times \underset{3}{\cancel{9}}}$$

☆計算の途中で約分できるときは約分しましょう。

$$= \frac{1}{6}$$

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

$$= \frac{4}{7}$$

② $\frac{5}{6} \times \frac{5}{10} = \frac{\overset{1}{\cancel{5}} \times 5}{6 \times \underset{2}{\cancel{10}}}$

$$= \frac{5}{12}$$

③ $\frac{2}{3} \times \frac{5}{12} = \frac{\overset{1}{\cancel{2}} \times 5}{3 \times \underset{6}{\cancel{12}}}$

$$= \frac{5}{18}$$

④ $\frac{4}{9} \times \frac{5}{8} = \frac{\overset{1}{\cancel{4}} \times 5}{9 \times \underset{2}{\cancel{8}}}$

$$= \frac{5}{18}$$

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

$$= \frac{1}{2}$$

⑥ $\frac{3}{4} \times \frac{8}{9} = \frac{\overset{1}{\cancel{3}} \times \overset{2}{\cancel{8}}}{\underset{1}{\cancel{4}} \times \underset{3}{\cancel{9}}}$

$$= \frac{2}{3}$$

⑦ $\frac{4}{7} \times \frac{7}{18} = \frac{\overset{2}{\cancel{4}} \times \overset{1}{\cancel{7}}}{\underset{1}{\cancel{7}} \times \underset{9}{\cancel{18}}}$

$$= \frac{2}{9}$$

⑧ $\frac{9}{10} \times \frac{5}{6} = \frac{\overset{3}{\cancel{9}} \times \overset{1}{\cancel{5}}}{\underset{2}{\cancel{10}} \times \underset{2}{\cancel{6}}}$

$$= \frac{3}{4}$$

⑨ $\frac{3}{16} \times \frac{2}{3} = \frac{\overset{1}{\cancel{3}} \times \overset{1}{\cancel{2}}}{\underset{8}{\cancel{16}} \times \underset{1}{\cancel{3}}}$

$$= \frac{1}{8}$$

⑩ $\frac{3}{4} \times \frac{2}{15} = \frac{\overset{1}{\cancel{3}} \times \overset{1}{\cancel{2}}}{\underset{2}{\cancel{4}} \times \underset{5}{\cancel{15}}}$

$$= \frac{1}{10}$$