

44

分数のわり算(約分あり) →37, 43へ

年 組 番 名前

● 計算のしかた ●

$$\frac{3}{8} \div \frac{9}{10} = \frac{\overset{1}{\cancel{3}} \times \overset{5}{\cancel{10}}}{\underset{4}{\cancel{8}} \times \underset{3}{\cancel{9}}} = \frac{5}{12}$$

☆計算の途中で約分できるときは約分しましょう。

$$\textcircled{1} \frac{8}{15} \div \frac{4}{7} = \frac{\overset{2}{\cancel{8}} \times \overset{7}{\cancel{7}}}{\underset{1}{\cancel{15}} \times \underset{4}{\cancel{4}}} = \frac{1}{15}$$

$$\textcircled{2} \frac{9}{10} \div \frac{4}{5} = \frac{\overset{9}{\cancel{9}} \times \overset{5}{\cancel{5}}}{\underset{2}{\cancel{10}} \times \underset{4}{\cancel{4}}} = \frac{9}{8}$$

$$\textcircled{3} \frac{3}{4} \div \frac{1}{8} = \frac{\overset{3}{\cancel{3}} \times \overset{8}{\cancel{8}}}{\underset{1}{\cancel{4}} \times \underset{1}{\cancel{1}}} = 6$$

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

$$\textcircled{5} \frac{14}{15} \div \frac{7}{9} = \frac{\overset{2}{\cancel{14}} \times \overset{9}{\cancel{9}}}{\underset{5}{\cancel{15}} \times \underset{7}{\cancel{7}}} = \frac{6}{5}$$

$$\textcircled{6} \frac{4}{9} \div \frac{2}{3} = \frac{\overset{2}{\cancel{4}} \times \overset{3}{\cancel{3}}}{\underset{3}{\cancel{9}} \times \underset{2}{\cancel{2}}} = \frac{2}{3}$$

$$\textcircled{7} \frac{7}{12} \div \frac{14}{15} = \frac{\overset{1}{\cancel{7}} \times \overset{5}{\cancel{15}}}{\underset{4}{\cancel{12}} \times \underset{2}{\cancel{14}}} = \frac{5}{8}$$

$$\textcircled{8} \frac{2}{7} \div \frac{8}{21} = \frac{\overset{1}{\cancel{2}} \times \overset{3}{\cancel{21}}}{\underset{1}{\cancel{7}} \times \underset{4}{\cancel{8}}} = \frac{3}{4}$$

$$\textcircled{9} \frac{9}{20} \div \frac{3}{5} = \frac{\overset{3}{\cancel{9}} \times \overset{5}{\cancel{5}}}{\underset{4}{\cancel{20}} \times \underset{3}{\cancel{3}}} = \frac{3}{4}$$

$$\textcircled{10} \frac{24}{25} \div \frac{4}{5} = \frac{\overset{6}{\cancel{24}} \times \overset{5}{\cancel{5}}}{\underset{5}{\cancel{25}} \times \underset{4}{\cancel{4}}} = \frac{6}{5}$$