

分数でわる計算

真分数 ÷ 真分数

年 組 番

名前

1. 次のわり算をしましょう。

$$\frac{1}{2} \div \frac{3}{8} = \frac{1}{\cancel{2}_1} \times \frac{\cancel{8}^4}{3}$$

$$= \frac{4}{3} = 1\frac{1}{3}$$

$$\frac{3}{5} \div \frac{3}{7} = \frac{\cancel{3}^1}{5} \times \frac{7}{\cancel{3}_1}$$

$$= \frac{7}{5} = 1\frac{2}{5}$$

$$\frac{2}{7} \div \frac{4}{9} = \frac{\cancel{2}^1}{7} \times \frac{9}{\cancel{4}_2}$$

$$= \frac{9}{14}$$

$$\frac{3}{8} \div \frac{5}{8} = \frac{3}{\cancel{8}_1} \times \frac{\cancel{8}^1}{5}$$

$$= \frac{3}{5}$$

$$\frac{1}{2} \div \frac{5}{6} = \frac{1}{\cancel{2}_1} \times \frac{\cancel{6}^3}{5}$$

$$= \frac{3}{5}$$

$$\frac{13}{15} \div \frac{7}{12} = \frac{13}{\cancel{15}_5} \times \frac{\cancel{12}^4}{7}$$

$$= \frac{52}{35} = 1\frac{17}{35}$$

2. 次のわり算をしましょう。

$$\frac{3}{10} \div \frac{3}{4} = \frac{\cancel{3}^1}{\cancel{10}_5} \times \frac{\cancel{4}^2}{\cancel{3}_1}$$

$$= \frac{2}{5}$$

$$\frac{2}{9} \div \frac{4}{15} = \frac{\cancel{2}^1}{\cancel{9}_3} \times \frac{\cancel{15}^5}{\cancel{4}_2}$$

$$= \frac{5}{6}$$

$$\frac{2}{3} \div \frac{8}{9} = \frac{\cancel{2}^1}{\cancel{3}_1} \times \frac{\cancel{9}^3}{\cancel{8}_4}$$

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

$$\frac{5}{6} \div \frac{5}{9} = \frac{\cancel{5}^1}{\cancel{6}_2} \times \frac{\cancel{9}^3}{\cancel{5}_1}$$

$$= \frac{3}{2} = 1\frac{1}{2}$$

$$\frac{5}{14} \div \frac{15}{8} = \frac{\cancel{5}^1}{\cancel{14}_7} \times \frac{\cancel{8}^4}{\cancel{15}_3}$$

$$= \frac{4}{21}$$

$$\frac{22}{27} \div \frac{16}{15} = \frac{\cancel{22}^{11}}{\cancel{27}_9} \times \frac{\cancel{15}^5}{\cancel{16}_8}$$

$$= \frac{55}{72}$$