



分数のわり算 14

3つの分数の
かけ算・わり算

16

目指せ75点!



名まえ

・次の計算をしましょう。(各25点)

$$\textcircled{1} \quad \frac{33}{20} \times \frac{4}{9} \div \frac{88}{21}$$

$$= \frac{33}{20} \times \frac{4}{9} \times \frac{21}{88}$$

$$= \frac{\overset{3}{\cancel{33}} \times 4 \times \overset{7}{\cancel{21}}}{20 \times \underset{3}{\cancel{9}} \times \underset{8}{\cancel{88}}}$$

$$= \frac{\overset{1}{\cancel{3}} \times \underset{1}{\cancel{4}} \times 7}{\underset{5}{\cancel{20}} \times \underset{1}{\cancel{3}} \times 8}$$

$$= \frac{7}{40}$$

$$\textcircled{2} \quad \frac{1}{3} \div \frac{5}{14} \times \frac{2}{7}$$

$$= \frac{1}{3} \times \frac{14}{5} \times \frac{2}{7}$$

$$= \frac{1 \times \overset{2}{\cancel{14}} \times 2}{3 \times 5 \times \underset{1}{\cancel{7}}}$$

$$= \frac{4}{15}$$

$$\textcircled{3} \quad 2.42 \div 2\frac{1}{5}$$

$$= \frac{\overset{121}{\cancel{242}}}{\underset{50}{\cancel{100}}} \div \frac{11}{5}$$

$$= \frac{121}{50} \times \frac{5}{11}$$

$$= \frac{\overset{11}{\cancel{121}} \times \underset{1}{\cancel{5}}}{\underset{10}{\cancel{50}} \times \underset{1}{\cancel{11}}}$$

$$= \frac{11}{10} \left(1\frac{1}{10}\right)$$

$$\textcircled{4} \quad \frac{16}{9} \div \frac{1}{8} \times \frac{3}{4}$$

$$= \frac{16}{9} \times \frac{8}{1} \times \frac{3}{4}$$

$$= \frac{16 \times \overset{2}{\cancel{8}} \times \underset{1}{\cancel{3}}}{\underset{3}{\cancel{9}} \times 1 \times \underset{1}{\cancel{4}}}$$

$$= \frac{32}{3} \left(10\frac{2}{3}\right)$$

