



分数のわり算 15

3つの分数のわり算



目指せ75点!



名まえ _____

・ 次の計算をしましょう。(各25点)

$$\textcircled{1} \quad \frac{6}{5} \times \frac{7}{8} \div \frac{9}{20}$$

=

$$\textcircled{3} \quad \frac{5}{7} \div \frac{9}{22} \div \frac{15}{14}$$

=

$$\textcircled{2} \quad \frac{7}{8} \div \frac{9}{4} \div \frac{3}{11}$$

=

$$\textcircled{4} \quad \frac{2}{7} \div \frac{2}{15} \times \frac{4}{5}$$

=

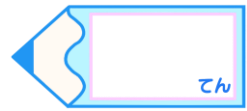


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名まえ

・次の計算をしましょう。(各25点)

$$\textcircled{1} \quad \frac{6}{5} \times \frac{7}{8} \div \frac{9}{20}$$

$$= \frac{6}{5} \times \frac{7}{8} \times \frac{20}{9}$$

$$= \frac{\overset{2}{\cancel{6}} \times 7 \times \overset{4}{\cancel{20}}}{\cancel{5} \times 8 \times \cancel{9}}$$

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

$$= \frac{7}{3} \left(2\frac{1}{3} \right)$$

$$\textcircled{2} \quad \frac{7}{8} \div \frac{9}{4} \div \frac{3}{11}$$

$$= \frac{7}{8} \times \frac{4}{9} \times \frac{11}{3}$$

$$= \frac{7 \times \overset{1}{\cancel{4}} \times 11}{\underset{2}{\cancel{8}} \times 9 \times 3}$$

$$= \frac{77}{54} \left(1\frac{23}{54} \right)$$

$$\textcircled{3} \quad \frac{5}{7} \div \frac{9}{22} \div \frac{15}{14}$$

$$= \frac{5}{7} \times \frac{22}{9} \times \frac{14}{15}$$

$$= \frac{\overset{1}{\cancel{5}} \times 22 \times \overset{2}{\cancel{14}}}{\overset{1}{\cancel{7}} \times 9 \times \underset{3}{\cancel{15}}}$$

$$= \frac{44}{27} \left(1\frac{17}{27} \right)$$

$$\textcircled{4} \quad \frac{2}{7} \div \frac{2}{15} \times \frac{4}{5}$$

$$= \frac{2}{7} \times \frac{15}{2} \times \frac{4}{5}$$

$$= \frac{2 \times \overset{3}{\cancel{15}} \times \overset{2}{\cancel{4}}}{7 \times \underset{1}{\cancel{2}} \times \underset{1}{\cancel{5}}}$$

$$= \frac{12}{7} \left(1\frac{5}{7} \right)$$

