



分数のわり算 15

3つの分数のわり算

16

目指せ75点!



名まえ

・ 次の計算をしましょう。(各25点)

① $\frac{5}{18} \div \frac{16}{27} \times \frac{4}{15}$

=

③ $\frac{5}{81} \div \frac{25}{63} \div \frac{4}{15}$

=

② $\frac{1}{7} \times \frac{36}{11} \div \frac{45}{28}$

=

④ $\frac{5}{36} \div \frac{1}{5} \div \frac{35}{6}$

=





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・ 次の計算をしましょう。(各25点)

$$\textcircled{1} \quad \frac{5}{18} \div \frac{16}{27} \times \frac{4}{15}$$

$$= \frac{5}{18} \times \frac{27}{16} \times \frac{4}{15}$$

$$= \frac{\overset{1}{\cancel{5}} \times \cancel{27} \times \overset{1}{\cancel{4}}}{18 \times \underset{4}{\cancel{16}} \times \underset{3}{\cancel{15}}}$$

$$= \frac{1 \times \overset{3}{\cancel{27}} \times 1}{\underset{2}{\cancel{18}} \times 4 \times \underset{1}{\cancel{3}}}$$

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

$$\textcircled{2} \quad \frac{1}{7} \times \frac{36}{11} \div \frac{45}{28}$$

$$= \frac{1}{7} \times \frac{36}{11} \times \frac{28}{45}$$

$$= \frac{1 \times \overset{4}{\cancel{36}} \times \overset{4}{\cancel{28}}}{\underset{1}{\cancel{7}} \times 11 \times \underset{5}{\cancel{45}}}$$

$$= \frac{16}{55}$$

$$\textcircled{3} \quad \frac{5}{81} \div \frac{25}{63} \div \frac{4}{15}$$

$$= \frac{5}{81} \times \frac{63}{25} \times \frac{15}{4}$$

$$= \frac{\overset{1}{\cancel{5}} \times \overset{7}{\cancel{63}} \times 15}{\underset{9}{\cancel{81}} \times \underset{5}{\cancel{25}} \times 4}$$

$$= \frac{1 \times 7 \times \overset{5}{\cancel{15}}}{\underset{3}{\cancel{9}} \times \underset{1}{\cancel{5}} \times 4}$$

$$= \frac{7}{12}$$

$$\textcircled{4} \quad \frac{5}{36} \div \frac{1}{5} \div \frac{35}{6}$$

$$= \frac{5}{36} \times \frac{5}{1} \times \frac{6}{35}$$

$$= \frac{\overset{1}{\cancel{5}} \times 5 \times \overset{1}{\cancel{6}}}{\underset{6}{\cancel{36}} \times 1 \times \underset{7}{\cancel{35}}}$$

$$= \frac{5}{42}$$

