



分数のわり算 16

3つの帯分数や
分数のわり算



日にち： 月 日

名まえ _____

・ 次の計算をしましょう。(うすい字はしっかりとぞりましょう。)

$$\textcircled{1} \quad \frac{4}{9} \div 1\frac{3}{5} \times \frac{6}{7}$$

$$= \frac{4}{9} \div \frac{8}{5} \times \frac{6}{7}$$

$$= \frac{4}{9} \times \frac{5}{8} \times \frac{6}{7}$$

$$= \frac{\overset{1}{\cancel{4}} \times 5 \times \overset{2}{\cancel{6}}}{\underset{3}{\cancel{9}} \times \underset{2}{\cancel{8}} \times \underset{1}{\cancel{7}}}$$

$$= \frac{5}{21}$$

$$\textcircled{2} \quad 2\frac{2}{3} \times 2\frac{1}{4} \div \frac{5}{7}$$

$$= \frac{8}{3} \times \frac{9}{4} \div \frac{5}{7}$$

$$= \frac{8}{3} \times \frac{9}{4} \times \frac{7}{5}$$

$$= \frac{\overset{2}{\cancel{8}} \times \overset{3}{\cancel{9}} \times 7}{\underset{1}{\cancel{3}} \times \underset{1}{\cancel{4}} \times 5}$$

$$= \frac{42}{5} \left(8\frac{2}{5} \right)$$

$$\textcircled{3} \quad 2\frac{4}{7} \div 3\frac{1}{3} \div \frac{5}{14}$$

$$= \frac{18}{7} \div \frac{10}{3} \div \frac{5}{14}$$

$$=$$

$$\textcircled{4} \quad 2\frac{1}{12} \div 1\frac{1}{3} \div \frac{5}{7}$$

$$=$$



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$$\textcircled{1} \quad \frac{4}{9} \div 1\frac{3}{5} \times \frac{6}{7}$$

$$= \frac{4}{9} \div \frac{8}{5} \times \frac{6}{7}$$

$$= \frac{4}{9} \times \frac{5}{8} \times \frac{6}{7}$$

$$= \frac{\overset{1}{\cancel{4}} \times \overset{2}{\cancel{5}} \times \overset{2}{\cancel{6}}}{\underset{3}{\cancel{9}} \times \underset{2}{\cancel{8}} \times \underset{1}{\cancel{7}}}$$

$$= \frac{5}{21}$$

$$\textcircled{3} \quad 2\frac{4}{7} \div 3\frac{1}{3} \div \frac{5}{14}$$

$$= \frac{18}{7} \div \frac{10}{3} \div \frac{5}{14}$$

$$= \frac{18}{7} \times \frac{3}{10} \times \frac{14}{5}$$

$$= \frac{\overset{9}{\cancel{18}} \times \overset{2}{\cancel{3}} \times \overset{2}{\cancel{14}}}{\underset{1}{\cancel{7}} \times \underset{5}{\cancel{10}} \times \underset{1}{\cancel{5}}}$$

$$= \frac{54}{25} \left(2\frac{4}{25} \right)$$

$$\textcircled{2} \quad 2\frac{2}{3} \times 2\frac{1}{4} \div \frac{5}{7}$$

$$= \frac{8}{3} \times \frac{9}{4} \div \frac{5}{7}$$

$$= \frac{8}{3} \times \frac{9}{4} \times \frac{7}{5}$$

$$= \frac{\overset{2}{\cancel{8}} \times \overset{3}{\cancel{9}} \times \overset{1}{\cancel{7}}}{\underset{1}{\cancel{3}} \times \underset{1}{\cancel{4}} \times \underset{1}{\cancel{5}}}$$

$$= \frac{42}{5} \left(8\frac{2}{5} \right)$$

$$\textcircled{4} \quad 2\frac{1}{12} \div 1\frac{1}{3} \div \frac{5}{7}$$

$$= \frac{25}{12} \div \frac{4}{3} \div \frac{5}{7}$$

$$= \frac{25}{12} \times \frac{3}{4} \times \frac{7}{5}$$

$$= \frac{\overset{5}{\cancel{25}} \times \overset{1}{\cancel{3}} \times \overset{1}{\cancel{7}}}{\underset{4}{\cancel{12}} \times \underset{1}{\cancel{4}} \times \underset{1}{\cancel{5}}}$$

$$= \frac{35}{16} \left(2\frac{3}{16} \right)$$