



分数のわり算 10

◎ 帯分数同士のわり算
(約分あり)

16

目指せ80点!



名まえ

・次の計算をしましょう。(各20点)

① $4\frac{1}{2} \div 3\frac{3}{4}$

=

③ $14 \div 1\frac{1}{5}$

=

⑤ $1\frac{2}{5} \div 1\frac{2}{13}$

=

② $2\frac{2}{3} \div 4\frac{1}{12}$

=

④ $35 \div 1\frac{2}{13}$

=





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

$$= \frac{9}{2} \div \frac{15}{4}$$

$$= \frac{9}{2} \times \frac{4}{15}$$

$$= \frac{\overset{3}{\cancel{9}} \times \overset{2}{\cancel{4}}}{\underset{1}{\cancel{2}} \times \underset{5}{\cancel{15}}}$$

$$= \frac{6}{5} \left(1\frac{1}{5}\right)$$

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

$$= 14 \div \frac{6}{5}$$

$$= 14 \times \frac{5}{6}$$

$$= \frac{\overset{7}{\cancel{14}} \times 5}{\underset{3}{\cancel{6}}}$$

$$= \frac{35}{3} \left(11\frac{2}{3}\right)$$

$$\textcircled{5} \quad 1\frac{2}{5} \div 1\frac{2}{13}$$

$$= \frac{7}{5} \div \frac{15}{13}$$

$$= \frac{7}{5} \times \frac{13}{15}$$

$$= \frac{7 \times 13}{5 \times 15}$$

$$= \frac{91}{75} \left(1\frac{16}{75}\right)$$

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

$$= \frac{8}{3} \div \frac{49}{12}$$

$$= \frac{8}{3} \times \frac{12}{49}$$

$$= \frac{8 \times \overset{4}{\cancel{12}}}{\underset{1}{\cancel{3}} \times 49}$$

$$= \frac{32}{49}$$

$$\textcircled{4} \quad 35 \div 1\frac{2}{13}$$

$$= 35 \div \frac{15}{13}$$

$$= 35 \times \frac{13}{15}$$

$$= \frac{\overset{7}{\cancel{35}} \times 13}{\underset{3}{\cancel{15}}}$$

$$= \frac{91}{3} \left(30\frac{1}{3}\right)$$

