



# 分数のわり算 10

◎ 帯分数同士のわり算  
(約分あり)



日にち：          月          日

名まえ \_\_\_\_\_

・次の計算をしましょう。

①  $7\frac{1}{2} \div 1\frac{2}{3}$

=

③  $15 \div 1\frac{5}{7}$

=

⑤  $5\frac{1}{5} \div 1\frac{1}{5}$

=

②  $2\frac{1}{4} \div 4\frac{1}{2}$

=

④  $49 \div 1\frac{5}{9}$

=

⑥  $1\frac{1}{13} \div 1\frac{1}{3}$

=





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14

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

$$= \frac{15}{2} \div \frac{5}{3}$$

$$= \frac{15}{2} \times \frac{3}{5}$$

$$= \frac{\overset{3}{\cancel{15}} \times \cancel{3}}{2 \times \cancel{5}}$$

$$= \frac{9}{2} \left(4\frac{1}{2}\right)$$

$$\textcircled{3} \quad 15 \div 1\frac{5}{7}$$

$$= 15 \div \frac{12}{7}$$

$$= 15 \times \frac{7}{12}$$

$$= \frac{\overset{5}{\cancel{15}} \times \cancel{7}}{\cancel{12}_4}$$

$$= \frac{35}{4} \left(8\frac{3}{4}\right)$$

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

$$= \frac{26}{5} \div \frac{6}{5}$$

$$= \frac{26}{5} \times \frac{5}{6}$$

$$= \frac{\overset{13}{\cancel{26}} \times \cancel{5}^1}{\cancel{5}_1 \times \cancel{6}_3}$$

$$= \frac{13}{3} \left(4\frac{1}{3}\right)$$

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

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

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

$$= \frac{\overset{1}{\cancel{9}} \times \cancel{2}^1}{\underset{2}{4} \times \cancel{9}^1}$$

$$= \frac{1}{2}$$

$$\textcircled{4} \quad 49 \div 1\frac{5}{9}$$

$$= 49 \div \frac{14}{9}$$

$$= 49 \times \frac{9}{14}$$

$$= \frac{\overset{7}{\cancel{49}} \times \cancel{9}}{\cancel{14}_2}$$

$$= \frac{63}{2} \left(31\frac{1}{2}\right)$$

$$\textcircled{6} \quad 1\frac{1}{13} \div 1\frac{1}{3}$$

$$= \frac{14}{13} \div \frac{4}{3}$$

$$= \frac{14}{13} \times \frac{3}{4}$$

$$= \frac{\overset{7}{\cancel{14}} \times \cancel{3}}{\cancel{13} \times \cancel{4}_2}$$

$$= \frac{21}{26}$$

