



分数のわり算 12

◎ 帯分数と小数のわり算
(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 $3\frac{1}{2} \div 5.3$

=

③ $18 \div 1\frac{1}{7}$

=

⑤ $1\frac{7}{15} \div 0.8$

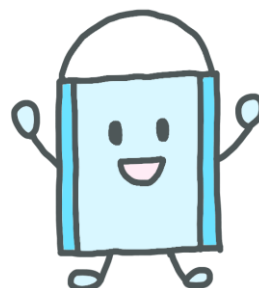
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② $0.3 \div 2\frac{7}{10}$

=

④ $26 \div 2\frac{2}{5}$

=





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名まえ

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$$\textcircled{1} \quad 3\frac{1}{2} \div 5.3$$

$$= \frac{7}{2} \div \frac{53}{10}$$

$$= \frac{7}{2} \times \frac{10}{53}$$

$$= \frac{7 \times \cancel{10}^5}{\cancel{2}_1 \times 53}$$

$$= \frac{35}{53}$$

$$\textcircled{3} \quad 18 \div 1\frac{1}{7}$$

$$= 18 \div \frac{8}{7}$$

$$= 18 \times \frac{7}{8}$$

$$= \frac{\cancel{18}^9 \times 7}{\cancel{8}_4}$$

$$= \frac{63}{4} \left(15\frac{3}{4}\right)$$

$$\textcircled{5} \quad 1\frac{7}{15} \div 0.8$$

$$= \frac{22}{15} \div \frac{\cancel{8}^4}{\cancel{10}_5}$$

$$= \frac{22}{15} \times \frac{5}{4}$$

$$= \frac{\cancel{22}^{11} \times \cancel{5}_1}{\cancel{15}_3 \times \cancel{4}_2}$$

$$= \frac{11}{6} \left(1\frac{5}{6}\right)$$

$$\textcircled{2} \quad 0.3 \div 2\frac{7}{10}$$

$$= \frac{3}{10} \div \frac{27}{10}$$

$$= \frac{3}{10} \times \frac{10}{27}$$

$$= \frac{\cancel{3}_1 \times \cancel{10}_1}{\cancel{10}_1 \times \cancel{27}_9}$$

$$= \frac{1}{9}$$

$$\textcircled{4} \quad 26 \div 2\frac{2}{5}$$

$$= 26 \div \frac{12}{5}$$

$$= 26 \times \frac{5}{12}$$

$$= \frac{\cancel{26}^{13} \times 5}{\cancel{12}_6}$$

$$= \frac{65}{6} \left(10\frac{5}{6}\right)$$

