

1 やくすう やくぶん ばいすう 約数・約分・倍数 P.1・2

- | | | | | | |
|---|-----------------|------------------|---|------|-------|
| 1 | ① 4 | ⑥ 15 | 3 | ① 12 | ⑪ 48 |
| | ② 6 | ⑦ 25 | | ② 18 | ⑫ 36 |
| | ③ 8 | ⑧ 12 | | ③ 30 | ⑬ 40 |
| | ④ 4 | ⑨ 16 | | ④ 36 | ⑭ 60 |
| | ⑤ 12 | ⑩ 18 | | ⑤ 60 | ⑮ 80 |
| 2 | ① $\frac{2}{3}$ | ⑥ $\frac{3}{8}$ | | ⑥ 30 | ⑯ 28 |
| | ② $\frac{2}{3}$ | ⑦ $\frac{1}{13}$ | | ⑦ 20 | ⑰ 30 |
| | ③ $\frac{5}{8}$ | ⑧ $\frac{3}{11}$ | | ⑧ 45 | ⑱ 48 |
| | ④ $\frac{2}{3}$ | ⑨ $\frac{4}{5}$ | | ⑨ 10 | ⑲ 120 |
| | ⑤ $\frac{3}{4}$ | ⑩ $\frac{5}{6}$ | | ⑩ 56 | ⑳ 252 |

2 ぶんすう ぶん 分数のたし算 P.3・4

- | | | |
|---|---|---|
| 1 | ① $\frac{5}{8}$ | ⑥ $\frac{19}{24}$ |
| | ② $\frac{8}{9}$ | ⑦ $1\frac{4}{15}$ ($\frac{19}{15}$) |
| | ③ $\frac{11}{12}$ | ⑧ $1\frac{1}{3}$ ($\frac{4}{3}$) |
| | ④ $\frac{7}{15}$ | ⑨ $1\frac{5}{18}$ ($\frac{23}{18}$) |
| | ⑤ $\frac{19}{24}$ | ⑩ $1\frac{1}{6}$ ($\frac{7}{6}$) |
| 2 | ① $3\frac{7}{12}$ ($\frac{43}{12}$) | ⑥ $3\frac{13}{40}$ ($\frac{133}{40}$) |
| | ② $3\frac{7}{24}$ ($\frac{79}{24}$) | ⑦ $2\frac{1}{2}$ ($\frac{5}{2}$) |
| | ③ $3\frac{8}{21}$ ($\frac{71}{21}$) | ⑧ $2\frac{1}{9}$ ($\frac{19}{9}$) |
| | ④ $5\frac{1}{9}$ ($\frac{46}{9}$) | ⑨ $4\frac{1}{2}$ ($\frac{9}{2}$) |
| | ⑤ $2\frac{19}{60}$ ($\frac{139}{60}$) | ⑩ $4\frac{3}{10}$ ($\frac{43}{10}$) |

アドバイス こた ぶんすう ぶん 答えが仮分数になるとき、帯 ぶんすう なお おお 分数に直すと大きさがわかりやすくなります。

3 ぶんすう ぶん 分数のひき算 P.5・6

- | | | |
|---|-------------------|--|
| 1 | ① $\frac{1}{9}$ | ⑥ $\frac{1}{3}$ |
| | ② $\frac{7}{15}$ | ⑦ $1\frac{2}{15}$ ($\frac{17}{15}$) |
| | ③ $\frac{7}{24}$ | ⑧ $2\frac{3}{8}$ ($\frac{19}{8}$) |
| | ④ $\frac{11}{15}$ | ⑨ $1\frac{13}{24}$ ($\frac{37}{24}$) |
| | ⑤ $\frac{11}{24}$ | ⑩ $3\frac{1}{2}$ ($\frac{7}{2}$) |

- | | | |
|---|--|--|
| 2 | ① $1\frac{11}{12}$ ($\frac{23}{12}$) | ⑥ $1\frac{35}{36}$ ($\frac{71}{36}$) |
| | ② $1\frac{9}{10}$ ($\frac{19}{10}$) | ⑦ $1\frac{19}{60}$ ($\frac{79}{60}$) |
| | ③ $\frac{5}{6}$ | ⑧ $1\frac{5}{6}$ ($\frac{11}{6}$) |
| | ④ $1\frac{4}{5}$ ($\frac{9}{5}$) | ⑨ $\frac{3}{4}$ |
| | ⑤ $2\frac{5}{6}$ ($\frac{17}{6}$) | ⑩ $1\frac{20}{21}$ ($\frac{41}{21}$) |

4 ぶんすう ぶん 3つの分数のたし算・ひき算 P.7・8

- | | | |
|---|---------------------------------------|--|
| 1 | ① 18 | ⑥ 60 |
| | ② 12 | ⑦ 30 |
| | ③ 10 | ⑧ 48 |
| | ④ 18 | ⑨ 12 |
| | ⑤ 24 | ⑩ 72 |
| 2 | ① $\frac{17}{24}$ | ③ $4\frac{5}{12}$ ($\frac{53}{12}$) |
| | ② $1\frac{5}{12}$ ($\frac{17}{12}$) | ④ $3\frac{7}{8}$ ($\frac{31}{8}$) |
| 3 | ① $\frac{2}{3}$ | ⑥ $2\frac{1}{4}$ ($\frac{9}{4}$) |
| | ② $\frac{7}{12}$ | ⑦ $1\frac{3}{8}$ ($\frac{11}{8}$) |
| | ③ $\frac{5}{24}$ | ⑧ $1\frac{5}{12}$ ($\frac{17}{12}$) |
| | ④ $\frac{7}{24}$ | ⑨ $4\frac{11}{18}$ ($\frac{83}{18}$) |
| | ⑤ $\frac{7}{8}$ | ⑩ 1 |

5 ぶんすう しょうすう 分数と小数 P.9・10

- | | | |
|---|--------------------------------------|--------------------|
| 1 | ① $\frac{7}{5} = 7 \div 5 = 1.4$ | ④ 0.03 |
| | ② 0.125 | ⑤ 2.43 |
| | ③ 7.75 | ⑥ 0.027 |
| 2 | ① $0.6 = \frac{6}{10} = \frac{3}{5}$ | ⑤ $1\frac{1}{5}$ |
| | ② $\frac{1}{20}$ | ⑥ $2\frac{13}{25}$ |
| | ③ $\frac{9}{50}$ | ⑦ $3\frac{1}{8}$ |
| | ④ $\frac{4}{125}$ | ⑧ $14\frac{1}{4}$ |

- 3 ① $\frac{2}{3}$
 ② $\frac{9}{20}$
 ③ $\frac{11}{12}$
 ④ $5\frac{9}{10}$ ($\frac{59}{10}$)
 ⑤ $1\frac{19}{30}$ ($\frac{49}{30}$)

- ⑥ $\frac{1}{5}$
 ⑦ $\frac{1}{20}$
 ⑧ $\frac{1}{20}$
 ⑨ $1\frac{19}{20}$ ($\frac{39}{20}$)
 ⑩ $2\frac{4}{15}$ ($\frac{34}{15}$)

6 チェックテスト

P.11・12

- 1 ① 6
 ② $\frac{2}{3}$
 3 ① 160
 ② 90
 4 ① $8\frac{1}{6}$ ($\frac{49}{6}$)
 ② $\frac{5}{12}$
 5 ① $2\frac{14}{15}$ ($\frac{44}{15}$)
 ② $2\frac{47}{70}$ ($\frac{187}{70}$)
 6 ① 60
 ② 48
 7 ① $\frac{17}{24}$
 ② $2\frac{5}{18}$ ($\frac{41}{18}$)
 8 ① 2.15
 ② 0.375
 9 ① $3\frac{13}{20}$ ($\frac{73}{20}$)
 ② $2\frac{7}{10}$ ($\frac{27}{10}$)

アドバイス

- 85点から100点の人
 まちがえた問題をやり直してから、次のページに進みましょう。
- 75点から84点の人
 ここまでのページを、もう一度復習しておきましょう。
- 0点から74点の人
 『5年生 分数』で、もう一度復習しておきましょう。

7 分数のかけ算(1)

P.13・14

- 1 ① $\frac{2}{3} \times \frac{4}{7} = \frac{2 \times 4}{3 \times 7} = \frac{8}{21}$
 ② $\frac{3}{5} \times \frac{1}{2} = \frac{3 \times 1}{5 \times 2} = \frac{3}{10}$
 ③ $\frac{3}{20}$
 ④ $\frac{5}{24}$
 ⑤ $\frac{5}{21}$
 ⑥ $\frac{2}{15}$
 ⑦ $\frac{3}{20}$
 ⑧ $\frac{9}{28}$
 ⑨ $\frac{6}{35}$
 ⑩ $\frac{9}{40}$
 2 ① $\frac{6}{35}$
 ② $\frac{12}{35}$
 ③ $\frac{9}{56}$
 ④ $\frac{5}{42}$
 ⑤ $\frac{5}{48}$
 ⑥ $\frac{25}{42}$
 ⑦ $\frac{35}{54}$
 ⑧ $\frac{8}{63}$
 ⑨ $\frac{15}{56}$
 ⑩ $\frac{35}{72}$

8 分数のかけ算(2)

P.15・16

- 1 ① $\frac{3}{4} \times \frac{5}{6} = \frac{3 \times 5}{4 \times 6} = \frac{5}{8}$
 ② $\frac{3}{5} \times \frac{4}{9} = \frac{3 \times 4}{5 \times 9} = \frac{4}{15}$
 ③ $\frac{2}{3} \times \frac{1}{4} = \frac{2 \times 1}{3 \times 4} = \frac{1}{6}$
 ④ $\frac{1}{10}$
 ⑤ $\frac{2}{5}$
 ⑥ $\frac{3}{5}$
 ⑦ $\frac{4}{7}$
 ⑧ $\frac{4}{7}$
 ⑨ $\frac{10}{21}$
 ⑩ $\frac{3}{14}$
 2 ① $\frac{3}{20}$
 ② $\frac{3}{10}$
 ③ $\frac{5}{12}$
 ④ $\frac{15}{28}$
 ⑤ $\frac{5}{8}$
 ⑥ $\frac{4}{9}$
 ⑦ $\frac{3}{20}$
 ⑧ $\frac{9}{35}$
 ⑨ $\frac{14}{27}$
 ⑩ $\frac{10}{33}$

9 分数のかけ算(3)

P.17・18

$$1 \quad ① \frac{2}{3} \times \frac{3}{4} = \frac{\boxed{2}}{3} \times \frac{3}{\boxed{4}} = \frac{1}{2}$$

$$⑤ \frac{2}{3}$$

$$② \frac{1}{3}$$

$$⑥ \frac{1}{3}$$

$$③ \frac{3}{4}$$

$$⑦ \frac{1}{6}$$

$$④ \frac{1}{4}$$

$$⑧ \frac{1}{8}$$

$$2 \quad ① \frac{1}{2}$$

$$⑥ \frac{1}{12}$$

$$② \frac{1}{2}$$

$$⑦ \frac{2}{9}$$

$$③ \frac{2}{5}$$

$$⑧ \frac{3}{8}$$

$$④ \frac{1}{4}$$

$$⑨ \frac{5}{24}$$

$$⑤ \frac{3}{5}$$

$$⑩ \frac{5}{12}$$

10 分数のかけ算(4)

P.19・20

$$1 \quad ① \frac{8}{15}$$

$$⑥ \frac{2}{9}$$

$$2 \quad ① \frac{3}{10}$$

$$⑥ \frac{25}{54}$$

$$② \frac{4}{21}$$

$$⑦ \frac{1}{6}$$

$$② \frac{9}{10}$$

$$⑦ \frac{2}{3}$$

$$③ \frac{2}{3}$$

$$⑧ \frac{1}{8}$$

$$③ \frac{3}{10}$$

$$⑧ \frac{2}{3}$$

$$④ \frac{9}{14}$$

$$⑨ \frac{9}{16}$$

$$④ \frac{8}{21}$$

$$⑨ \frac{10}{21}$$

$$⑤ \frac{8}{63}$$

$$⑩ \frac{3}{20}$$

$$⑤ \frac{15}{28}$$

$$⑩ \frac{3}{10}$$

11 分数のかけ算(5)

P.21・22

$$1 \quad ① 2\frac{1}{3} \times \frac{1}{4} = \frac{\boxed{7}}{3} \times \frac{1}{4} = \frac{7}{12}$$

$$⑥ \frac{22}{35}$$

$$② 1\frac{2}{5} \times \frac{1}{4} = \frac{7}{5} \times \frac{1}{4} = \frac{7}{20}$$

$$⑦ 5\frac{5}{6} \left(\frac{35}{6} \right)$$

$$③ \frac{20}{21}$$

$$⑧ 3\frac{1}{30} \left(\frac{91}{30} \right)$$

$$④ \frac{1}{7} \times 5\frac{1}{2} = \frac{1}{7} \times \frac{\boxed{11}}{2} = \frac{11}{14}$$

$$⑨ 2\frac{7}{24} \left(\frac{55}{24} \right)$$

$$⑤ \frac{1}{6} \times 4\frac{1}{3} = \frac{1}{6} \times \frac{13}{3} = \frac{13}{18}$$

$$⑩ 3\frac{17}{45} \left(\frac{152}{45} \right)$$

$$2 \quad ① 2\frac{1}{3} \times \frac{3}{4} = \frac{7}{3} \times \frac{3}{4} = \frac{\boxed{7}}{4} = 1\frac{3}{4}$$

$$⑤ 1\frac{1}{2} \times \frac{4}{5} = \frac{3}{2} \times \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$$

$$② \frac{6}{11} \times 1\frac{1}{3} = \frac{6}{11} \times \frac{4}{3} = \frac{8}{11}$$

$$⑥ \frac{3}{4} \times 2\frac{2}{5} = \frac{3}{4} \times \frac{12}{5} = \frac{9}{5} = 1\frac{4}{5}$$

$$③ 2\frac{1}{2} \times \frac{4}{11} = \frac{5}{2} \times \frac{4}{11} = \frac{10}{11}$$

$$⑦ 1\frac{7}{8} \times \frac{2}{5} = \frac{15}{8} \times \frac{2}{5} = \frac{3}{4}$$

$$④ \frac{2}{7} \times 2\frac{1}{3} = \frac{2}{7} \times \frac{7}{3} = \frac{2}{3}$$

$$⑧ \frac{7}{15} \times 1\frac{3}{7} = \frac{7}{15} \times \frac{10}{7} = \frac{2}{3}$$

アドバイス

こた たいぶんすう もと
答えは帯分数まで求めています
が、仮分数のままでもよいです。

12 分数のかけ算(6)

P.23・24

$$1 \quad ① 1\frac{3}{7} \times 2\frac{1}{5} = \frac{10}{7} \times \frac{11}{5} = \frac{22}{7} = 3\frac{1}{7}$$

$$⑤ 1\frac{1}{2} \times 1\frac{1}{3} = \frac{3}{2} \times \frac{4}{3} = 2$$

$$② 5\frac{3}{5} \left(\frac{28}{5} \right)$$

$$⑥ 2$$

$$③ 4\frac{3}{4} \left(\frac{19}{4} \right)$$

$$⑦ 2\frac{2}{5} \times 1\frac{7}{8} = \frac{12}{5} \times \frac{15}{8} = \frac{9}{2} = 4\frac{1}{2}$$

$$④ 3\frac{5}{7} \left(\frac{26}{7} \right)$$

$$⑧ 2\frac{1}{7} \times 3\frac{1}{9} = \frac{15}{7} \times \frac{28}{9} = \frac{20}{3} = 6\frac{2}{3}$$

- 2 ① $1\frac{11}{21}\left(\frac{32}{21}\right)$
 ② $1\frac{1}{54}\left(\frac{55}{54}\right)$
 ③ $4\frac{8}{15}\left(\frac{68}{15}\right)$
 ④ 4
 ⑤ $\frac{5}{7}$

- ⑥ 1
 ⑦ $\frac{7}{12}$
 ⑧ $\frac{7}{8}$
 ⑨ 5
 ⑩ $4\frac{1}{6}\left(\frac{25}{6}\right)$

13 分数のかけ算(7)

P.25・26

- 1 ① $\frac{6}{7}$
 ② $\frac{8}{9}$
 ③ $\frac{10}{13}$
 ④ $\frac{12}{17}$
 ⑤ $\frac{6}{11}$

- ⑥ $1\frac{4}{5}\left(\frac{9}{5}\right)$
 ⑦ $2\frac{1}{3}\times 4 = \frac{7}{3}\times 4$
 $= \frac{28}{3} = 9\frac{1}{3}$
 ⑧ $4\frac{4}{5}\left(\frac{24}{5}\right)$
 ⑨ $5\frac{1}{4}\left(\frac{21}{4}\right)$
 ⑩ $9\frac{1}{7}\left(\frac{64}{7}\right)$

- 2 ① $\frac{1}{2}$
 ② $\frac{5}{6}$

- ③ $3\frac{1}{3}\left(\frac{10}{3}\right)$
 ④ $2\frac{1}{4}\times 2 = \frac{9}{4}\times 2$
 $= \frac{9}{2} = 4\frac{1}{2}$

- ③ $\frac{3}{7}$
 ④ $\frac{2}{5}$
 ⑤ $\frac{4}{7}$

- ⑤ $5\frac{1}{2}\left(\frac{11}{2}\right)$
 ⑥ $4\frac{2}{3}\left(\frac{14}{3}\right)$
 ⑦ $6\frac{2}{3}\left(\frac{20}{3}\right)$

アドバイス

こた かいぶんすう
 答えが仮分数になるとき、帯
 ぶんすう なお おお
 分数に直すと大きさがわかりやすくなります。

14 分数のかけ算(8)

P.27・28

- 1 ① $\frac{3}{8}$
 ② $\frac{1}{2}$
 ③ $1\frac{1}{20}\left(\frac{21}{20}\right)$
 ④ 4
 ⑤ $5\frac{5}{6}\left(\frac{35}{6}\right)$

- ⑥ $\frac{14}{15}$
 ⑦ $\frac{3}{14}$
 ⑧ $1\frac{1}{2}\left(\frac{3}{2}\right)$
 ⑨ 14
 ⑩ $2\frac{2}{3}\left(\frac{8}{3}\right)$

- 2 ① $\frac{1}{3}$
 ② $1\frac{1}{5}\left(\frac{6}{5}\right)$
 ③ $\frac{9}{10}$
 ④ $\frac{20}{21}$
 ⑤ $6\frac{2}{3}\left(\frac{20}{3}\right)$

- ⑥ $\frac{1}{2}$
 ⑦ $\frac{2}{3}$
 ⑧ $\frac{32}{33}$
 ⑨ $3\frac{1}{2}\left(\frac{7}{2}\right)$
 ⑩ $7\frac{1}{2}\left(\frac{15}{2}\right)$

15 分数のわり算(1)

P.29・30

- 1 ① $\frac{2}{5}\div\frac{3}{7} = \frac{2}{5}\times\frac{7}{3}$
 $= \frac{14}{15}$

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

- ② $\frac{15}{28}$
 ③ $\frac{16}{35}$
 ④ $1\frac{17}{18}\left(\frac{35}{18}\right)$
 ⑤ $1\frac{17}{18}\left(\frac{35}{18}\right)$

- ⑦ $\frac{18}{35}$
 ⑧ $\frac{35}{36}$
 ⑨ $1\frac{1}{35}\left(\frac{36}{35}\right)$
 ⑩ $\frac{18}{35}$

- 2 ① $1\frac{5}{9}\left(\frac{14}{9}\right)$
 ② $2\frac{5}{8}\left(\frac{21}{8}\right)$
 ③ $\frac{18}{35}$
 ④ $\frac{3}{8}$
 ⑤ $3\frac{1}{3}\left(\frac{10}{3}\right)$

- ⑥ $1\frac{1}{14}\left(\frac{15}{14}\right)$
 ⑦ $1\frac{1}{35}\left(\frac{36}{35}\right)$
 ⑧ $1\frac{17}{63}\left(\frac{80}{63}\right)$
 ⑨ $1\frac{13}{32}\left(\frac{45}{32}\right)$
 ⑩ $\frac{35}{48}$

16 分数のわり算(2)

P.31・32

- 1 ① $4\frac{1}{6}\left(\frac{25}{6}\right)$
 ② $2\frac{2}{9}\left(\frac{20}{9}\right)$
 ③ $5\frac{4}{9}\left(\frac{49}{9}\right)$
 ④ $2\frac{1}{10}\left(\frac{21}{10}\right)$
 ⑤ $2\frac{5}{8}\left(\frac{21}{8}\right)$

- ⑥ $1\frac{19}{20}\left(\frac{39}{20}\right)$
 ⑦ $1\frac{17}{28}\left(\frac{45}{28}\right)$
 ⑧ $1\frac{7}{8}\left(\frac{15}{8}\right)$
 ⑨ $2\frac{13}{16}\left(\frac{45}{16}\right)$
 ⑩ $2\frac{2}{35}\left(\frac{72}{35}\right)$

- 2 ① $\frac{4}{5}\div\frac{2}{3} = \frac{4}{5}\times\frac{3}{2}$
 $= \frac{6}{5} = 1\frac{1}{5}$

- ⑥ $1\frac{1}{4}\left(\frac{5}{4}\right)$

- ② $1\frac{3}{4}\left(\frac{7}{4}\right)$
 ③ $1\frac{2}{5}\left(\frac{7}{5}\right)$
 ④ $2\frac{1}{3}\left(\frac{7}{3}\right)$
 ⑤ $\frac{7}{10}$

- ⑦ $1\frac{1}{14}\left(\frac{15}{14}\right)$
 ⑧ $\frac{2}{3}$
 ⑨ $\frac{7}{27}$
 ⑩ $\frac{9}{13}$

17 分数のわり算(3)

P.33・34

$$1 \quad 1 \quad \frac{3}{4} \div \frac{5}{8} = \frac{3}{4} \times \frac{8}{5} = \frac{6}{5} = 1\frac{1}{5}$$

$$6 \quad 1 \quad \frac{1}{20} \left(\frac{21}{20} \right)$$

$$2 \quad \frac{5}{6}$$

$$7 \quad \frac{3}{8}$$

$$3 \quad 1 \quad \frac{1}{14} \left(\frac{15}{14} \right)$$

$$8 \quad \frac{6}{7}$$

$$4 \quad \frac{2}{5}$$

$$9 \quad \frac{44}{45}$$

$$5 \quad 3 \frac{1}{2} \left(\frac{7}{2} \right)$$

$$10 \quad \frac{15}{28}$$

$$2 \quad 1 \quad \frac{1}{3} \div \frac{6}{7} = \frac{1}{3} \times \frac{7}{6} = \frac{7}{18} = 1\frac{5}{9}$$

$$6 \quad 3 \frac{1}{7} \left(\frac{22}{7} \right)$$

$$2 \quad 5 \frac{1}{4} \left(\frac{21}{4} \right)$$

$$7 \quad 2 \frac{1}{10} \left(\frac{21}{10} \right)$$

$$3 \quad 5 \frac{1}{5} \left(\frac{26}{5} \right)$$

$$8 \quad 1 \quad \frac{7}{20} \left(\frac{20}{20} \right)$$

$$4 \quad 3 \frac{1}{5} \left(\frac{16}{5} \right)$$

$$9 \quad 2 \frac{4}{7} \left(\frac{18}{7} \right)$$

$$5 \quad 2 \frac{7}{8} \left(\frac{23}{8} \right)$$

$$10 \quad 5 \frac{1}{3} \left(\frac{16}{3} \right)$$

18 分数のわり算(4)

P.35・36

$$1 \quad 1 \quad \frac{3}{4} \div 2 \frac{2}{3} = \frac{7}{4} \div \frac{8}{3} = \frac{7}{4} \times \frac{3}{8} = \frac{21}{32}$$

$$6 \quad 2 \frac{3}{5} \div 1 \frac{3}{4} = \frac{13}{5} \div \frac{7}{4} = \frac{13}{5} \times \frac{4}{7} = \frac{52}{35} = 1\frac{17}{35}$$

$$2 \quad \frac{21}{40}$$

$$7 \quad 2 \frac{14}{15} \left(\frac{44}{15} \right)$$

$$3 \quad \frac{40}{49}$$

$$8 \quad \frac{15}{56}$$

$$4 \quad \frac{39}{56}$$

$$9 \quad 1 \frac{1}{8} \left(\frac{9}{8} \right)$$

$$5 \quad \frac{9}{20}$$

$$10 \quad 1 \frac{5}{9} \left(\frac{14}{9} \right)$$

$$2 \quad 1 \quad \frac{2}{3} \div 1 \frac{1}{6} = \frac{2}{3} \div \frac{7}{6} = \frac{2}{3} \times \frac{6}{7} = \frac{4}{7}$$

$$5 \quad \frac{10}{21}$$

$$2 \quad 1 \quad \frac{1}{5} \div 1 \frac{1}{2} = \frac{1}{5} \div \frac{3}{2} = \frac{1}{5} \times \frac{2}{3} = \frac{2}{15}$$

$$6 \quad \frac{9}{10}$$

$$3 \quad \frac{10}{21}$$

$$7 \quad \frac{8}{13}$$

$$4 \quad 1 \frac{1}{7} \left(\frac{8}{7} \right)$$

$$8 \quad 2 \frac{2}{15} \left(\frac{32}{15} \right)$$

アドバイス

こた たいぶんすう もと
答えは帯分数まで求めています
が、仮分数のままでもよいです。

19 分数のわり算(5)

P.37・38

$$1 \quad 1 \quad \frac{1}{7} \div 2 = \frac{1}{7} \div \frac{2}{1} = \frac{1}{7} \times \frac{1}{2} = \frac{1}{14}$$

$$6 \quad 3 \div \frac{4}{5} = 3 \times \frac{5}{4} = \frac{15}{4} = 3\frac{3}{4} \left(\frac{15}{4} \right)$$

$$2 \quad \frac{1}{12}$$

$$7 \quad 9 \frac{1}{3} \left(\frac{28}{3} \right)$$

$$3 \quad \frac{5}{6}$$

$$8 \quad 6 \frac{2}{3} \left(\frac{20}{3} \right)$$

$$4 \quad \frac{6}{35}$$

$$9 \quad 8 \frac{3}{4} \left(\frac{35}{4} \right)$$

$$5 \quad \frac{3}{50}$$

$$10 \quad 6 \frac{2}{5} \left(\frac{32}{5} \right)$$

$$2 \quad 1 \quad \frac{4}{7} \div 2 = \frac{4}{7} \div \frac{2}{1} = \frac{4}{7} \times \frac{1}{2} = \frac{2}{7}$$

$$6 \quad 3 \div \frac{3}{4} = \frac{3}{1} \times \frac{4}{3} = 4$$

$$2 \quad \frac{2}{7}$$

$$7 \quad 9$$

$$3 \quad \frac{5}{14}$$

$$8 \quad 4 \div 2 \frac{2}{3} = 4 \div \frac{8}{3} = \frac{4}{1} \times \frac{3}{8} = \frac{3}{2} = 1\frac{1}{2}$$

$$4 \quad \frac{3}{20}$$

$$9 \quad 1 \frac{4}{5} \left(\frac{9}{5} \right)$$

$$5 \quad \frac{3}{80}$$

$$10 \quad 8 \frac{4}{5} \left(\frac{44}{5} \right)$$

20 分数のわり算(6)

P.39・40

$$1 \quad 1 \quad \frac{8}{21} \div \frac{4}{7} = \frac{8}{\cancel{21}^3} \times \frac{\cancel{7}^1}{4} = \frac{2}{3}$$

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

$$2 \quad \frac{8}{21} \div \frac{2}{7} = \frac{8}{\cancel{21}^3} \times \frac{\cancel{7}^1}{2} = \frac{4}{3} = 1 \frac{1}{3}$$

$$6 \quad \frac{2}{3}$$

$$3 \quad \frac{2}{3}$$

$$7 \quad \frac{5}{8}$$

$$4 \quad 1 \frac{1}{2} \left(\frac{3}{2} \right)$$

$$8 \quad \frac{5}{6}$$

$$2 \quad 1 \quad \frac{1}{4} \div \frac{3}{8} = \frac{\cancel{8}^2}{4} \times \frac{\cancel{3}^1}{\cancel{3}^1} = 6$$

$$6 \quad 1 \quad \frac{1}{8} \div \frac{3}{4} = \frac{9}{8} \div \frac{3}{4} = \frac{3}{2} \times \frac{4}{3} = 2$$

$$2 \quad 2$$

$$7 \quad 2 \quad \frac{2}{9} \div \frac{5}{6} = \frac{20}{9} \div \frac{5}{6} = \frac{4}{9} \times \frac{2}{5} = \frac{8}{3} = 2 \frac{2}{3}$$

$$3 \quad 4$$

$$8 \quad 2$$

$$4 \quad 2 \frac{2}{3} \left(\frac{8}{3} \right)$$

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

$$5 \quad 2 \frac{1}{4} \left(\frac{9}{4} \right)$$

$$10 \quad 2 \frac{2}{5} \left(\frac{12}{5} \right)$$

21 分数のわり算(7)

P.41・42

$$1 \quad 1 \quad \frac{2}{3} \div 1 \frac{1}{9} = \frac{8}{3} \div \frac{10}{9} = \frac{4}{3} \times \frac{9}{10} = \frac{12}{5} = 2 \frac{2}{5}$$

$$5 \quad \frac{5}{9} \div 1 \frac{2}{3} = \frac{5}{9} \div \frac{5}{3} = \frac{1}{9} \times \frac{3}{5} = \frac{1}{3}$$

$$2 \quad \frac{2}{3}$$

$$6 \quad \frac{1}{6}$$

$$3 \quad \frac{3}{5}$$

$$7 \quad 2$$

$$4 \quad 3$$

$$8 \quad \frac{2}{3}$$

$$2 \quad 1 \quad 2 \frac{1}{10} \left(\frac{21}{10} \right)$$

$$6 \quad \frac{11}{14}$$

$$2 \quad \frac{1}{2}$$

$$7 \quad \frac{3}{7}$$

$$3 \quad 2 \frac{2}{3} \left(\frac{8}{3} \right)$$

$$8 \quad 1 \frac{1}{3} \left(\frac{4}{3} \right)$$

$$4 \quad 1 \frac{1}{20} \left(\frac{21}{20} \right)$$

$$9 \quad 2 \frac{1}{2} \left(\frac{5}{2} \right)$$

$$5 \quad \frac{3}{4}$$

$$10 \quad \frac{6}{7}$$

22 分数のわり算(8)

P.43・44

$$1 \quad 1 \quad \frac{20}{21}$$

$$6 \quad 1 \frac{1}{2} \left(\frac{3}{2} \right)$$

$$2 \quad 2 \frac{2}{9} \left(\frac{20}{9} \right)$$

$$7 \quad 4$$

$$3 \quad \frac{1}{15}$$

$$8 \quad \frac{2}{3}$$

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

$$9 \quad 2$$

$$5 \quad \frac{1}{2}$$

$$10 \quad 2 \frac{1}{2} \left(\frac{5}{2} \right)$$

$$2 \quad 1 \quad \frac{5}{9}$$

$$6 \quad \frac{9}{16}$$

$$2 \quad 2 \frac{5}{8} \left(\frac{21}{8} \right)$$

$$7 \quad \frac{3}{8}$$

$$3 \quad 1 \frac{4}{5} \left(\frac{9}{5} \right)$$

$$8 \quad \frac{2}{9}$$

$$4 \quad \frac{7}{24}$$

$$9 \quad \frac{3}{4}$$

$$5 \quad 7 \frac{1}{5} \left(\frac{36}{5} \right)$$

$$10 \quad \frac{8}{11}$$

23 3つの分数のかけ算・わり算(1)

P.45・46

$$1 \quad 1 \quad \frac{3}{4} \times \frac{2}{5} \times \frac{5}{9} = \frac{3}{\cancel{4}^2} \times \frac{\cancel{2}^1}{\cancel{5}^1} \times \frac{\cancel{5}^1}{3} = \frac{1}{6}$$

$$2 \quad \frac{2}{15}$$

$$3 \quad \frac{1}{24}$$

$$4 \quad \frac{1}{6} \times \frac{2}{5} \times \frac{3}{7} = \frac{1}{\cancel{6}^3} \times \frac{\cancel{2}^1}{5} \times \frac{\cancel{3}^1}{7} = \frac{1}{35}$$

$$5 \quad \frac{1}{11}$$

$$6 \quad \frac{1}{5} \times \frac{2}{3} \times 3 \frac{1}{2} = \frac{1}{5} \times \frac{2}{3} \times \frac{\cancel{7}^1}{\cancel{2}^1} = \frac{7}{15}$$

$$7 \quad \frac{2}{9}$$

$$8 \quad \frac{1}{5}$$

$$9 \quad 3$$

$$10 \quad 3$$

2 ① $\frac{1}{2}$

② 2

③ $1\frac{7}{8} \times \frac{4}{15} \times 1\frac{2}{3} = \frac{15}{8} \times \frac{4}{15} \times \frac{5}{3} = \frac{5}{6}$

④ 27

⑤ $\frac{2}{5}$

⑥ 30

⑦ 5

⑧ 9

⑨ $2\frac{4}{5}(\frac{14}{5})$

⑩ 15

24 3つの分数のかけ算・わり算(2) P.47・48

1 ① $\frac{5}{7} \times \frac{2}{5} \div \frac{2}{7} = \frac{5}{7} \times \frac{2}{5} \times \frac{7}{2} = 1$

② $1\frac{2}{3}(\frac{5}{3})$

③ 1

④ $5\frac{5}{9}(\frac{50}{9})$

⑤ $\frac{1}{5} \times \frac{6}{7} \div 2\frac{2}{5} = \frac{1}{5} \times \frac{6}{7} \times \frac{5}{12} = \frac{1}{14}$

⑥ $\frac{2}{9}$

⑦ $\frac{3}{7} \div 5\frac{1}{7} \times 2\frac{2}{3} = \frac{3}{7} \times \frac{7}{36} \times \frac{8}{3} = \frac{2}{9}$

⑧ $4\frac{2}{5}(\frac{22}{5})$

⑨ $4\frac{2}{5}(\frac{22}{5})$

⑩ $\frac{1}{10}$

2 ① $\frac{7}{24} \div \frac{7}{8} \div \frac{2}{5} = \frac{7}{24} \times \frac{8}{7} \times \frac{5}{2} = \frac{5}{6}$

② 3

③ $\frac{3}{5}$

④ $1\frac{1}{39}(\frac{40}{39})$

⑤ $\frac{2}{7}$

⑥ $\frac{2}{3}$

⑦ 1

⑧ $\frac{1}{10}$

⑨ $1\frac{1}{2}(\frac{3}{2})$

⑩ $\frac{11}{32}$

25 (), +, -, ×, ÷ のまじった計算(1) P.49・50

1 ① $(\frac{1}{4} + \frac{1}{6}) \times \frac{3}{5} = (\frac{3}{12} + \frac{2}{12}) \times \frac{3}{5} = \frac{5}{12} \times \frac{3}{5} = \frac{1}{4}$

② $\frac{1}{3}$

③ $2 \times (\frac{1}{2} - \frac{1}{3}) = 2 \times (\frac{3}{6} - \frac{2}{6}) = \frac{2}{1} \times \frac{1}{6} = \frac{1}{3}$

④ $\frac{1}{6}$

⑤ $\frac{1}{6}$

⑥ 2

⑦ 4

⑧ $1\frac{1}{11}(\frac{12}{11})$

⑨ $1\frac{1}{2} \times (\frac{1}{9} + \frac{1}{3}) = \frac{3}{2} \times (\frac{1}{9} + \frac{3}{9}) = \frac{3}{2} \times \frac{4}{9} = \frac{2}{3}$

⑩ $\frac{6}{7}$

2 ① $10 - \frac{2}{3} \times 6 = 10 - 4 = 6$

② $5 \times \frac{2}{3} + 2\frac{1}{3} = \frac{10}{3} + 2\frac{1}{3} = 3\frac{1}{3} + 2\frac{1}{3} = 5\frac{2}{3}$

③ $7\frac{6}{7}(\frac{55}{7})$

④ $\frac{1}{6}$

⑤ 1

⑥ 3

⑦ $3\frac{1}{3}(\frac{10}{3})$

⑧ 8

⑨ $1\frac{1}{2}(\frac{3}{2})$

⑩ $6\frac{2}{9}(\frac{56}{9})$

26 (), +, -, ×, ÷ のまじった計算(2) P.51・52

1 ① $\frac{2}{5} \times 3 + 1 = \frac{6}{5} + 1 = 1\frac{1}{5}$

② $6\frac{1}{3}(\frac{19}{3})$

③ $5\frac{1}{2}(\frac{11}{2})$

④ $2\frac{2}{3}(\frac{8}{3})$

⑤ $3\frac{1}{3}(\frac{10}{3})$

⑥ 1

⑦ $1\frac{4}{5}(\frac{9}{5})$

⑧ $2\frac{1}{3}(\frac{7}{3})$

⑨ $3\frac{1}{5}(\frac{16}{5})$

⑩ $\frac{1}{6}$

- 2 ① $(\frac{1}{3}+2) \times \frac{1}{3} = \frac{7}{3} \times \frac{1}{3} = \frac{7}{9}$ ⑥ $\frac{2}{3}$
 ② $\frac{3}{4}$ ⑦ $\frac{1}{3}$
 ③ $8\frac{2}{3}(\frac{26}{3})$ ⑧ $\frac{1}{3}$
 ④ $\frac{1}{8}$ ⑨ $\frac{4}{5}$
 ⑤ $\frac{2}{5}$ ⑩ $\frac{1}{4}$

27 (), +, -, ×, ÷ のまじった計算(3) P.53・54

- 1 ① $(\frac{1}{6}+\frac{1}{4}) \times 2 = \frac{5}{12} \times \frac{2}{1} = \frac{5}{6}$ ⑥ $\frac{1}{4}$
 ② $\frac{5}{24}$ ⑦ $\frac{3}{5}$
 ③ 54 ⑧ $2\frac{3}{7}(\frac{17}{7})$
 ④ $2\frac{11}{12}(\frac{35}{12})$ ⑨ $9\frac{11}{14}(\frac{137}{14})$
 ⑤ $1\frac{7}{12}(\frac{19}{12})$ ⑩ $\frac{1}{10}$

- 2 ① $13 \times 8 + 13 \times 2 = 13 \times (\underline{8} + \underline{2}) = 130$
 ② $12 \times 15 - 2 \times 15 = (\underline{12} - \underline{2}) \times 15 = 150$
 ③ $48 \div 3 - 42 \div 3 = (\underline{48} - \underline{42}) \div 3 = 2$
 ④ $6 \times 1\frac{1}{2} - 6 \times \frac{1}{3} = 6 \times (1\frac{1}{2} - \frac{1}{3}) = \frac{6}{1} \times \frac{7}{6} = 7$
 ⑤ 7
 ⑥ $\frac{1}{2} \times 20 + 1\frac{1}{5} \times 20 = (\frac{1}{2} + 1\frac{1}{5}) \times 20$
 $= \frac{17}{10} \times \frac{20}{1} = 34$
 ⑦ 34
 ⑧ 8
 ⑨ 36
 ⑩ $1\frac{5}{9}(\frac{14}{9})$

28 (), +, -, ×, ÷ のまじった計算(4) P.55・56

- 1 ① $\frac{1}{3} + \frac{1}{2} \times 5 = \frac{1}{3} + \frac{5}{2} = \frac{2}{6} + 2\frac{3}{6} = 2\frac{5}{6}(\frac{17}{6})$
 ② $4\frac{1}{6}(\frac{25}{6})$
 ③ 68
 ④ $\frac{5}{6} \times \frac{1}{3} - \frac{7}{12} \times \frac{1}{3} = (\frac{5}{6} - \frac{7}{12}) \times \frac{1}{3}$
 $= (\frac{10}{12} - \frac{7}{12}) \times \frac{1}{3} = \frac{3}{12} \times \frac{1}{3} = \frac{1}{12}$
 ⑤ $\frac{5}{32}$

- ⑥ 1
 ⑦ 1
 ⑧ $\frac{1}{4} \div \frac{1}{8} \times \frac{1}{6} = \frac{1}{4} \times \frac{8}{1} \times \frac{1}{6} = \frac{1}{3}$
 ⑨ $\frac{1}{3}$
 ⑩ 1

- 2 ① $1\frac{5}{6} \times 1\frac{1}{5} \div 1\frac{2}{5} = \frac{11}{6} \times \frac{6}{5} \times \frac{5}{7}$ ⑥ $3\frac{3}{10}(\frac{33}{10})$
 $= \frac{11}{1} \times \frac{1}{7} = 1\frac{4}{7}$
 ② $1\frac{4}{7}(\frac{11}{7})$ ⑦ $\frac{17}{24}$
 ③ 9 ⑧ $\frac{5}{24}$
 ④ $1\frac{3}{8}(\frac{11}{8})$ ⑨ $1\frac{2}{5}(\frac{7}{5})$
 ⑤ $\frac{3}{14}$ ⑩ $\frac{13}{40}$

29 (), +, -, ×, ÷ のまじった計算(5) P.57・58

- 1 ① $\frac{1}{2}$ ⑥ $\frac{3}{5}$
 ② $\frac{2}{15}$ ⑦ $1\frac{3}{10}(\frac{13}{10})$
 ③ $\frac{1}{2}$ ⑧ $\frac{1}{2}$
 ④ $1\frac{1}{12}(\frac{13}{12})$ ⑨ $\frac{1}{15}$
 ⑤ $\frac{1}{5}$ ⑩ $3\frac{2}{9}(\frac{29}{9})$
 2 ① $\frac{2}{3}$ ⑥ $\frac{1}{7}$
 ② $2\frac{1}{4}(\frac{9}{4})$ ⑦ $\frac{4}{9}$
 ③ $1\frac{1}{9}(\frac{10}{9})$ ⑧ $1\frac{1}{2}(\frac{3}{2})$
 ④ $\frac{4}{5}$ ⑨ $\frac{5}{7}$
 ⑤ $1\frac{1}{24}(\frac{25}{24})$ ⑩ $\frac{4}{9}$

30 分数と小数の計算(1)

P.59・60

$$1 \quad 1 \quad 0.2 \times \frac{5}{6} = \frac{2}{10} \times \frac{5}{6} = \frac{\square}{\square} \times \frac{5}{6} = \frac{1}{6} \quad 6 \quad \frac{1}{8}$$

$$2 \quad \frac{2}{5}$$

$$3 \quad \frac{2}{35}$$

$$4 \quad 0.25 \times 3\frac{1}{5} = \frac{\square}{4} \times \frac{\square}{5} = \frac{4}{5} \quad 9 \quad 12$$

$$5 \quad 0.15 \times 40 = \frac{\square}{20} \times \frac{\square}{1} = 6 \quad 10 \quad \frac{1}{3}$$

$$2 \quad 1 \quad 0.4 \times \frac{5}{8} = \frac{2}{5} \times \frac{5}{8} = \frac{1}{4} \quad 6 \quad \frac{3}{5}$$

$$2 \quad \frac{1}{10}$$

$$3 \quad \frac{3}{4}$$

$$4 \quad 5$$

$$5 \quad 81$$

$$7 \quad \frac{4}{5}$$

$$8 \quad 24$$

$$9 \quad 5\frac{1}{5} \left(\frac{26}{5} \right)$$

$$10 \quad 80$$

31 分数と小数の計算(2)

P.61・62

$$1 \quad 1 \quad 0.6 \div \frac{2}{3} = \frac{3}{5} \div \frac{2}{3} = \frac{3}{5} \times \frac{3}{2} = \frac{9}{10} \quad 6 \quad \frac{2}{3} \div 0.5 = \frac{5}{3} \div \frac{1}{2} = \frac{5}{3} \times \frac{2}{1} = \frac{10}{3} = 3\frac{1}{3}$$

$$2 \quad 1\frac{1}{5} \left(\frac{6}{5} \right)$$

$$3 \quad 2\frac{7}{10} \left(\frac{27}{10} \right)$$

$$4 \quad 1$$

$$5 \quad 1\frac{1}{2} \left(\frac{3}{2} \right)$$

$$7 \quad \frac{1}{2}$$

$$8 \quad 5$$

$$9 \quad 25$$

$$10 \quad 5$$

$$2 \quad 1 \quad 0.25 \div \frac{2}{3} = \frac{1}{4} \div \frac{2}{3} = \frac{1}{4} \times \frac{3}{2} = \frac{3}{8} \quad 6 \quad 2\frac{2}{3} \left(\frac{8}{3} \right)$$

$$2 \quad 1\frac{1}{2} \left(\frac{3}{2} \right)$$

$$3 \quad \frac{7}{12}$$

$$4 \quad 2$$

$$5 \quad 6$$

$$7 \quad \frac{1}{3}$$

$$8 \quad \frac{5}{7}$$

$$9 \quad 2$$

$$10 \quad 5$$

32 分数と小数の計算(3)

P.63・64

$$1 \quad 1 \quad \frac{1}{3} \times 1.5 \times \frac{5}{8} = \frac{1}{3} \times \frac{3}{2} \times \frac{5}{8} = \frac{\square}{4} = 1\frac{\square}{4}$$

$$2 \quad 2\frac{2}{5} \left(\frac{12}{5} \right)$$

$$3 \quad 6\frac{1}{4} \left(\frac{25}{4} \right)$$

$$4 \quad 27$$

$$5 \quad \frac{2}{3}$$

$$6 \quad \frac{1}{2}$$

$$7 \quad \frac{4}{9}$$

$$8 \quad 8$$

$$9 \quad \frac{1}{5}$$

$$10 \quad \frac{8}{9} \times 1.8 \times 3\frac{3}{4} \times 0.25 = \frac{8}{9} \times \frac{9}{5} \times \frac{15}{4} \times \frac{1}{4} = \frac{3}{2} = 1\frac{1}{2}$$

$$2 \quad 1 \quad \frac{3}{4} \times \frac{3}{5} \div 0.2 = \frac{3}{4} \times \frac{3}{5} \times \frac{5}{1} = \frac{9}{4} = 2\frac{1}{4} \quad 6 \quad 1$$

$$2 \quad \frac{1}{5}$$

$$3 \quad 7$$

$$4 \quad 36$$

$$5 \quad \frac{3}{16}$$

$$7 \quad \frac{1}{2}$$

$$8 \quad 5\frac{5}{9} \left(\frac{50}{9} \right)$$

$$9 \quad 1\frac{4}{7} \left(\frac{11}{7} \right)$$

$$10 \quad \frac{11}{70}$$

33 分数と小数の計算(4)

P.65・66

$$1 \quad 1 \quad \frac{2}{3} \div 0.75 \div 2\frac{2}{3} = \frac{2}{3} \times \frac{4}{3} \times \frac{3}{8} = \frac{1}{3} \quad 6 \quad 2\frac{8}{21} \left(\frac{50}{21} \right)$$

$$2 \quad \frac{1}{30}$$

$$3 \quad \frac{1}{9}$$

$$4 \quad 2\frac{1}{2} \left(\frac{5}{2} \right)$$

$$5 \quad \frac{1}{4}$$

$$7 \quad \frac{1}{50}$$

$$8 \quad \frac{2}{5}$$

$$9 \quad 1\frac{1}{3} \left(\frac{4}{3} \right)$$

$$10 \quad 8$$

$$2 \quad 1 \quad \left(1\frac{4}{5} - 0.6\right) \div \frac{3}{5} = \left(1\frac{4}{5} - \frac{3}{5}\right) \times \frac{5}{3}$$

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

$$2 \quad \frac{7}{10}$$

$$3 \quad \frac{2}{3} \times 1.5 \times 1\frac{7}{8} = \frac{2}{3} \times \frac{3}{2} \times \frac{15}{8} = \frac{15}{8} = 1\frac{7}{8}$$

$$4 \quad 1\frac{11}{25} \left(\frac{36}{25}\right)$$

$$5 \quad \frac{3}{25}$$

$$6 \quad \frac{1}{2}$$

$$7 \quad 8\frac{1}{3} \left(\frac{25}{3}\right)$$

$$8 \quad 4\frac{5}{24} \left(\frac{101}{24}\right)$$

$$9 \quad 3$$

$$10 \quad 1\frac{13}{22} \left(\frac{35}{22}\right)$$

34 しんだんテスト

P.67・68

$$1 \quad 1 \quad \frac{19}{30} \left(\frac{49}{30}\right)$$

$$4 \quad 2$$

$$2 \quad 7\frac{1}{2} \left(\frac{15}{2}\right)$$

$$5 \quad \frac{14}{27}$$

$$3 \quad \frac{35}{54}$$

$$6 \quad 1\frac{17}{28} \left(\frac{45}{28}\right)$$

$$2 \quad 1 \quad \frac{9}{10}$$

$$4 \quad 1\frac{1}{7} \left(\frac{8}{7}\right)$$

$$2 \quad 2\frac{5}{8} \left(\frac{21}{8}\right)$$

$$5 \quad 3$$

$$3 \quad 4\frac{2}{3} \left(\frac{14}{3}\right)$$

$$6 \quad \frac{39}{56}$$

$$3 \quad 1 \quad \frac{3}{8}$$

$$2 \quad \frac{1}{2}$$

$$4 \quad 1 \quad 5$$

$$3 \quad 27$$

$$2 \quad 4$$

$$4 \quad \frac{2}{15}$$

$$5 \quad 1 \quad 4\frac{5}{21} \left(\frac{89}{21}\right)$$

$$3 \quad 2\frac{1}{12} \left(\frac{25}{12}\right)$$

$$2 \quad 3\frac{1}{5} \left(\frac{16}{5}\right)$$

$$4 \quad 2\frac{1}{2} \left(\frac{5}{2}\right)$$

アドバイス

1 でまちがえた人は、「^{ひと}分数のかけ算」から、^{いちどふくしゅう}もう一度復習してみましょう。

2 でまちがえた人は、「^{ひと}分数のわり算」から、^{いちどふくしゅう}もう一度復習してみましょう。

3 でまちがえた人は、「^{ひと}3つの^{ぶんすう}分数の^{ざん}かけ算・^{ざん}わり算」から、^{いちどふくしゅう}もう一度復習してみましょう。

4, 5 でまちがえた人は、「^{ひと}分数と^{しゅうすう}小数の^{けいさん}計算」から、^{いちどふくしゅう}もう一度復習してみましょう。

35 発展問題

P.69・70

$$1 \quad 1 \quad 2\frac{11}{126} \left(\frac{263}{126}\right)$$

$$2 \quad 0$$

$$3 \quad \frac{4}{15}$$

$$4 \quad \frac{11}{12}$$

$$5 \quad 2\frac{2}{3} - 1\frac{2}{5} \times \left\{ \frac{1}{2} - \left(\frac{3}{4} - \frac{2}{3} \right) \right\}$$

$$= 2\frac{2}{3} - 1\frac{2}{5} \times \left\{ \frac{1}{2} - \left(\frac{9}{12} - \frac{8}{12} \right) \right\}$$

$$= 2\frac{2}{3} - 1\frac{2}{5} \times \left\{ \frac{6}{12} - \frac{1}{12} \right\} = 2\frac{2}{3} - \frac{7}{5} \times \frac{5}{12}$$

$$= 2\frac{8}{12} - \frac{7}{12} = 2\frac{1}{12} \left(\frac{25}{12}\right)$$

$$2 \quad 1 \quad 3\frac{1}{5} \left(\frac{16}{5}\right)$$

$$2 \quad 8$$

$$3 \quad 3\frac{1}{2} \left(\frac{7}{2}\right)$$

$$4 \quad 3$$

$$5 \quad \left\{ \left(1\frac{2}{7} - 0.4 \right) \times 2\frac{1}{2} \div \frac{3}{14} + 0.375 \right\} \times 24$$

$$= \left\{ \left(1\frac{2}{7} - \frac{2}{5} \right) \times \frac{5}{2} \times \frac{14}{3} + \frac{3}{8} \right\} \times 24$$

$$= \left\{ \left(1\frac{10}{35} - \frac{14}{35} \right) \times \frac{35}{3} + \frac{3}{8} \right\} \times 24$$

$$= \left\{ \frac{31}{35} \times \frac{35}{3} + \frac{3}{8} \right\} \times 24$$

$$= \left\{ \frac{248}{24} + \frac{9}{24} \right\} \times 24 = 257$$

アドバイス

先に () の中、次に { } の中の順で計算します。