

## 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  $\frac{16}{35}$

⑦  $\frac{18}{35}$   
 ⑧  $\frac{35}{36}$

④  $1\frac{17}{18}\left(\frac{35}{18}\right)$   
 ⑤  $1\frac{17}{18}\left(\frac{35}{18}\right)$

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

⑥  $1\frac{1}{14}\left(\frac{15}{14}\right)$   
 ⑦  $1\frac{1}{35}\left(\frac{36}{35}\right)$

③  $\frac{18}{35}$   
 ④  $\frac{3}{8}$

⑧  $1\frac{17}{63}\left(\frac{80}{63}\right)$   
 ⑨  $1\frac{13}{32}\left(\frac{45}{32}\right)$

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

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

⑥  $1\frac{19}{20}\left(\frac{39}{20}\right)$   
 ⑦  $1\frac{17}{28}\left(\frac{45}{28}\right)$

③  $5\frac{4}{9}\left(\frac{49}{9}\right)$   
 ④  $2\frac{1}{10}\left(\frac{21}{10}\right)$

⑧  $1\frac{7}{8}\left(\frac{15}{8}\right)$   
 ⑨  $2\frac{13}{16}\left(\frac{45}{16}\right)$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**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

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

$$6 \quad 3 \div \frac{4}{5} = 3 \times \frac{5}{4} \\ = \frac{3}{1} \times \frac{5}{4} \\ = 3\frac{3}{4} \left( \frac{15}{4} \right)$$

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

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

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

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

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

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

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

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

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

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

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

$$7 \quad 9$$

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

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

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

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

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

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

## 20 分数のわり算(6)

P.39・40

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

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

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

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

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

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

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

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

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

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

$$2 \quad 2$$

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

$$3 \quad 4$$

$$8 \quad 2$$

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

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

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

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

## 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

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

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

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

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

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

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

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

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

$$9 \quad 3$$

$$10 \quad 3$$

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

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

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  $13 \times 8 + 13 \times 2 = 13 \times (8+2) = 130$   
 ②  $12 \times 15 - 2 \times 15 = (12-2) \times 15 = 150$   
 ③  $48 \div 3 - 42 \div 3 = (48-42) \div 3 = 2$   
 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 ①  $0.2 \times \frac{5}{6} = \frac{2}{10} \times \frac{5}{6}$   
 $= \frac{\square}{5} \times \frac{5}{6} = \frac{1}{6}$   
 ②  $\frac{2}{5}$   
 ③  $\frac{2}{35}$   
 ④  $0.25 \times 3\frac{1}{5} = \frac{\square}{4} \times \frac{\square}{5} = \frac{4}{5}$   
 ⑤  $0.15 \times 40 = \frac{\square}{20} \times \frac{\square}{1} = 6$
- 2 ①  $0.4 \times \frac{5}{8} = \frac{2}{5} \times \frac{5}{8} = \frac{1}{4}$   
 ②  $\frac{1}{10}$   
 ③  $\frac{3}{4}$   
 ④ 5  
 ⑤ 81
- ⑥  $\frac{1}{8}$   
 ⑦  $8\frac{3}{4} \left(\frac{35}{4}\right)$   
 ⑧ 2  
 ⑨ 12  
 ⑩  $\frac{1}{3}$   
 ⑪  $\frac{3}{5}$   
 ⑫  $\frac{4}{5}$   
 ⑬ 24  
 ⑭  $5\frac{1}{5} \left(\frac{26}{5}\right)$   
 ⑮ 80

### 31 分数と小数の計算(2)

P.61・62

- 1 ①  $0.6 \div \frac{2}{3} = \frac{3}{5} \div \frac{2}{3}$   
 $= \frac{3}{5} \times \frac{3}{2}$   
 $= \frac{9}{10}$   
 ②  $1\frac{1}{5} \left(\frac{6}{5}\right)$   
 ③  $2\frac{7}{10} \left(\frac{27}{10}\right)$   
 ④ 1  
 ⑤  $1\frac{1}{2} \left(\frac{3}{2}\right)$
- 2 ①  $0.25 \div \frac{2}{3} = \frac{1}{4} \div \frac{2}{3}$   
 $= \frac{1}{4} \times \frac{3}{2}$   
 $= \frac{3}{8}$   
 ②  $1\frac{1}{2} \left(\frac{3}{2}\right)$   
 ③  $\frac{7}{12}$   
 ④ 2  
 ⑤ 6
- ⑥  $\frac{2}{3} \div 0.5 = \frac{5}{3} \div \frac{1}{2}$   
 $= \frac{5}{3} \times \frac{2}{1}$   
 $= \frac{10}{3} = 3\frac{1}{3}$   
 ⑦  $\frac{1}{2}$   
 ⑧ 5  
 ⑨ 25  
 ⑩ 5  
 ⑪  $2\frac{2}{3} \left(\frac{8}{3}\right)$   
 ⑫  $\frac{1}{3}$   
 ⑬  $\frac{5}{7}$   
 ⑭ 2  
 ⑮ 5

### 32 分数と小数の計算(3)

P.63・64

- 1 ①  $1\frac{1}{3} \times 1.5 \times \frac{5}{8} = \frac{4}{3} \times \frac{3}{2} \times \frac{5}{8} = \frac{\square}{4} = 1\frac{\square}{4}$   
 ②  $2\frac{2}{5} \left(\frac{12}{5}\right)$   
 ③  $6\frac{1}{4} \left(\frac{25}{4}\right)$   
 ④ 27  
 ⑤  $\frac{2}{3}$   
 ⑥  $\frac{1}{2}$   
 ⑦  $\frac{4}{9}$   
 ⑧ 8  
 ⑨  $\frac{1}{5}$
- ⑩  $\frac{8}{9} \times 1.8 \times 3\frac{3}{4} \times 0.25 = \frac{8}{9} \times \frac{9}{5} \times \frac{15}{4} \times \frac{1}{4}$   
 $= \frac{3}{2} = 1\frac{1}{2}$
- 2 ①  $\frac{3}{4} \times \frac{3}{5} \div 0.2 = \frac{3}{4} \times \frac{3}{5} \times \frac{5}{1}$   
 $= \frac{9}{4} = 2\frac{1}{4}$   
 ②  $\frac{1}{5}$   
 ③ 7  
 ④ 36  
 ⑤  $\frac{3}{16}$
- ⑥ 1  
 ⑦  $\frac{1}{2}$   
 ⑧  $5\frac{5}{9} \left(\frac{50}{9}\right)$   
 ⑨  $1\frac{4}{7} \left(\frac{11}{7}\right)$   
 ⑩  $\frac{11}{70}$

### 33 分数と小数の計算(4)

P.65・66

- 1 ①  $\frac{2}{3} \div 0.75 \div 2\frac{2}{3} = \frac{2}{3} \times \frac{4}{3} \times \frac{3}{8}$   
 $= \frac{1}{3}$   
 ②  $\frac{1}{30}$   
 ③  $\frac{1}{9}$   
 ④  $2\frac{1}{2} \left(\frac{5}{2}\right)$   
 ⑤  $\frac{1}{4}$
- ⑥  $2\frac{8}{21} \left(\frac{50}{21}\right)$   
 ⑦  $\frac{1}{50}$   
 ⑧  $\frac{2}{5}$   
 ⑨  $1\frac{1}{3} \left(\frac{4}{3}\right)$   
 ⑩ 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、「<sup>ひと</sup>分数のかけ算」から、<sup>いちどふくしゅう</sup>もう一度復習してみましょう。

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

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

4, 5 でまちがえた人は、「<sup>ひと</sup>分数と<sup>しゅうすう</sup>小数の計算」から、<sup>いちどふくしゅう</sup>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。