

# 計算に ぐんぐんと 強くなる

- ◆ 答え合わせは、1つずついいねいに見ていきましょう。
- ◆ まちがえた問題は、どこでまちがえたのか確かめてからやりなおしましょう。

◆ 分数のかけ算 (P.4・5)

## 1 真分数×整数 (約分なし)

① ①  $\frac{3}{4}$  ②  $\frac{4}{5}$  ③  $\frac{4}{7}$  ④  $\frac{8}{9}$  ⑤  $\frac{9}{10}$  ⑥  $\frac{8}{15}$

② ①  $\frac{3}{4}(\frac{7}{4})$  ②  $\frac{3}{5}(\frac{8}{5})$  ③  $\frac{1}{9}(\frac{10}{9})$

④  $\frac{1}{8}(\frac{25}{8})$  ⑤  $\frac{1}{10}(\frac{21}{10})$  ⑥  $\frac{1}{15}(\frac{16}{15})$

③ ①  $\frac{1}{9}(\frac{10}{9})$  ②  $\frac{6}{7}$  ③  $\frac{5}{8}$

④  $\frac{14}{15}$  ⑤  $\frac{1}{5}(\frac{6}{5})$  ⑥  $2\frac{1}{4}(\frac{9}{4})$

⑦  $\frac{6}{7}$  ⑧  $\frac{5}{9}(\frac{14}{9})$  ⑨  $\frac{15}{16}$

⑩  $\frac{3}{10}$  ⑪  $\frac{7}{9}(\frac{16}{9})$  ⑫  $\frac{3}{7}(\frac{10}{7})$

④ (式)  $\frac{4}{5} \times 6 = \frac{24}{5} = 4\frac{4}{5}$

(答え)  $4\frac{4}{5}\text{kg}(\frac{24}{5}\text{kg})$

◆ 分数のかけ算 (P.6・7)

## 2 真分数×整数 (約分あり)

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

② ①  $\frac{1}{3}(\frac{4}{3})$  ②  $\frac{1}{5}(\frac{21}{5})$  ③ 3

④  $2\frac{2}{5}(\frac{12}{5})$

③ ①  $\frac{2}{3}$  ②  $\frac{2}{3}(\frac{5}{3})$  ③  $\frac{3}{4}$  ④ 8

⑤  $2\frac{2}{3}(\frac{8}{3})$  ⑥  $3\frac{1}{3}(\frac{10}{3})$  ⑦  $7\frac{1}{2}(\frac{15}{2})$

⑧  $\frac{3}{5}$  ⑨  $2\frac{1}{4}(\frac{9}{4})$  ⑩  $4\frac{2}{3}(\frac{14}{3})$

④ (式)  $\frac{3}{4} \times 6 = \frac{9}{2} = 4\frac{1}{2}$

(答え)  $4\frac{1}{2}\text{m}^2(\frac{9}{2}\text{m}^2)$

◆ 分数のかけ算 (P.8)

## 3 仮分数×整数 (約分なし)

① ①  $7\frac{1}{2}(\frac{15}{2})$  ②  $5\frac{1}{4}(\frac{21}{4})$  ③  $7\frac{1}{5}(\frac{36}{5})$

④  $5\frac{5}{7}(\frac{40}{7})$  ⑤  $4\frac{1}{8}(\frac{33}{8})$  ⑥  $4\frac{4}{11}(\frac{48}{11})$

② (式)  $\frac{6}{5} \times 3 = \frac{18}{5} = 3\frac{3}{5}$

(答え)  $3\frac{3}{5}\text{L}(\frac{18}{5}\text{L})$

◆ 分数のかけ算 (P.9)

## 4 仮分数×整数 (約分あり)

① ①  $2\frac{1}{2}(\frac{5}{2})$  ②  $4\frac{1}{2}(\frac{9}{2})$  ③  $4\frac{2}{3}(\frac{14}{3})$

④  $7\frac{1}{3}(\frac{22}{3})$  ⑤  $6\frac{1}{2}(\frac{13}{2})$  ⑥ 40

② (式)  $\frac{3}{8} \times 6 = \frac{9}{4} = 2\frac{1}{4}$

(答え)  $2\frac{1}{4}\text{kg}(\frac{9}{4}\text{kg})$

◆ 分数のかけ算 (P.10・11)

## 5 帯分数×整数 (約分なし)

① ①  $7\frac{1}{2}(\frac{15}{2})$  ②  $5\frac{1}{3}(\frac{16}{3})$  ③  $2\frac{4}{5}(\frac{14}{5})$

④  $3\frac{6}{7}(\frac{27}{7})$

② ①  $6\frac{3}{4}(\frac{27}{4})$  ②  $5\frac{1}{3}(\frac{16}{3})$  ③  $8\frac{4}{5}(\frac{44}{5})$

④  $16\frac{2}{3} \left( \frac{50}{3} \right)$

③ ①  $4\frac{1}{2} \left( \frac{9}{2} \right)$  ②  $8\frac{8}{9} \left( \frac{80}{9} \right)$  ③  $8\frac{4}{7} \left( \frac{60}{7} \right)$

④  $7\frac{1}{5} \left( \frac{36}{5} \right)$  ⑤  $5\frac{5}{8} \left( \frac{45}{8} \right)$  ⑥  $8\frac{1}{4} \left( \frac{33}{4} \right)$

⑦  $14\frac{2}{3} \left( \frac{44}{3} \right)$  ⑧  $14\frac{2}{5} \left( \frac{72}{5} \right)$

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

答え  $3\frac{3}{5} \text{L} \left( \frac{18}{5} \text{L} \right)$

◆分数のかけ算 (P.12・13)

6 帯分数×整数 (約分あり)

① ①  $3\frac{1}{2} \left( \frac{7}{2} \right)$  ②  $4\frac{1}{2} \left( \frac{9}{2} \right)$  ③  $7\frac{1}{3} \left( \frac{22}{3} \right)$

④ 15

② ①  $4\frac{1}{2} \left( \frac{9}{2} \right)$  ②  $9\frac{1}{2} \left( \frac{19}{2} \right)$  ③  $13\frac{1}{3} \left( \frac{40}{3} \right)$

④ 18

③ ①  $3\frac{4}{5} \left( \frac{19}{5} \right)$  ②  $11\frac{1}{2} \left( \frac{23}{2} \right)$  ③ 30

④  $7\frac{1}{3} \left( \frac{22}{3} \right)$  ⑤  $10\frac{1}{2} \left( \frac{21}{2} \right)$  ⑥  $10\frac{2}{3} \left( \frac{32}{3} \right)$

⑦  $16\frac{1}{2} \left( \frac{33}{2} \right)$  ⑧  $11\frac{1}{3} \left( \frac{34}{3} \right)$

④ 式  $1\frac{1}{4} \times 4 = 5$

答え 5m

◆分数のかけ算 (P.14・15)

7 真分数×真分数 (約分なし)

① ①  $\frac{3}{10}$  ②  $\frac{5}{18}$  ③  $\frac{6}{35}$  ④  $\frac{7}{36}$  ⑤  $\frac{1}{18}$  ⑥  $\frac{1}{40}$

② ①  $\frac{8}{21}$  ②  $\frac{4}{45}$  ③  $\frac{9}{20}$  ④  $\frac{15}{56}$  ⑤  $\frac{21}{80}$  ⑥  $\frac{28}{75}$

③ ①  $\frac{5}{24}$  ②  $\frac{8}{15}$  ③  $\frac{15}{56}$  ④  $\frac{3}{20}$  ⑤  $\frac{16}{27}$  ⑥  $\frac{8}{35}$

⑦  $\frac{1}{24}$  ⑧  $\frac{20}{63}$  ⑨  $\frac{9}{16}$  ⑩  $\frac{5}{18}$  ⑪  $\frac{27}{50}$  ⑫  $\frac{7}{72}$

④ 式  $\frac{1}{5} \times \frac{3}{8} = \frac{3}{40}$

答え  $\frac{3}{40} \text{kg}$

◆分数のかけ算 (P.16・17)

8 真分数×真分数 (約分1回)

① ①  $\frac{1}{10}$  ②  $\frac{1}{16}$  ③  $\frac{2}{27}$  ④  $\frac{2}{21}$

② ①  $\frac{5}{16}$  ②  $\frac{3}{14}$  ③  $\frac{5}{14}$  ④  $\frac{7}{15}$  ⑤  $\frac{4}{35}$  ⑥  $\frac{20}{63}$

③ ①  $\frac{8}{21}$  ②  $\frac{5}{16}$  ③  $\frac{2}{27}$  ④  $\frac{1}{24}$  ⑤  $\frac{2}{21}$  ⑥  $\frac{14}{27}$

⑦  $\frac{9}{56}$  ⑧  $\frac{3}{50}$  ⑨  $\frac{2}{7}$  ⑩  $\frac{2}{45}$

④ 式  $\frac{5}{6} \times \frac{3}{4} = \frac{5}{8}$

答え  $\frac{5}{8} \text{kg}$

◆分数のかけ算 (P.18・19)

9 真分数×真分数 (約分2回)

① ①  $\frac{1}{4}$  ②  $\frac{1}{3}$  ③  $\frac{1}{12}$  ④  $\frac{1}{6}$

② ①  $\frac{2}{15}$  ②  $\frac{2}{9}$  ③  $\frac{2}{7}$  ④  $\frac{3}{8}$  ⑤  $\frac{4}{9}$  ⑥  $\frac{7}{10}$

③ ①  $\frac{3}{5}$  ②  $\frac{2}{3}$  ③  $\frac{1}{6}$  ④  $\frac{6}{25}$  ⑤  $\frac{5}{28}$  ⑥  $\frac{1}{2}$

⑦  $\frac{2}{5}$  ⑧  $\frac{1}{6}$  ⑨  $\frac{3}{14}$  ⑩  $\frac{6}{35}$

④ 式  $\frac{5}{8} \times \frac{4}{5} = \frac{1}{2}$

答え  $\frac{1}{2} \text{m}^3$

◆分数のかけ算 (P.20)

10 仮分数×真分数 (約分なし)

① ①  $\frac{27}{28}$  ②  $1\frac{1}{15} \left( \frac{16}{15} \right)$  ③  $1\frac{3}{32} \left( \frac{35}{32} \right)$

④  $\frac{5}{24}$  ⑤  $\frac{35}{48}$  ⑥  $1\frac{13}{20} \left( \frac{33}{20} \right)$

② 式  $\frac{10}{9} \times \frac{2}{3} = \frac{20}{27}$

答え  $\frac{20}{27} \text{m}^2$

◆分数のかけ算 (P.21)

## 11 仮分数×真分数 (約分あり)

1 ①  $\frac{9}{10}$  ②  $\frac{3}{7}$  ③  $\frac{1}{2}$  ④  $\frac{2}{3}$  ⑤  $\frac{5}{12}$  ⑥ 1

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

① 答え  $1\frac{1}{2} \text{L} \left( \frac{3}{2} \text{L} \right)$

◆分数のかけ算 (P.22)

## 12 仮分数×仮分数 (約分なし)

1 ①  $\frac{7}{8} \left( \frac{15}{8} \right)$  ②  $\frac{19}{35} \left( \frac{54}{35} \right)$  ③  $2\frac{13}{18} \left( \frac{49}{18} \right)$

④  $5\frac{5}{8} \left( \frac{45}{8} \right)$  ⑤  $\frac{23}{27} \left( \frac{50}{27} \right)$  ⑥  $2\frac{13}{32} \left( \frac{77}{32} \right)$

2 ① 式  $\frac{7}{5} \times \frac{11}{3} = \frac{77}{15} = 5\frac{2}{15}$

① 答え  $5\frac{2}{15} \text{kg} \left( \frac{77}{15} \text{kg} \right)$

◆分数のかけ算 (P.23)

## 13 仮分数×仮分数 (約分あり)

1 ①  $2\frac{1}{3} \left( \frac{7}{3} \right)$  ②  $\frac{5}{8} \left( \frac{13}{8} \right)$  ③  $2\frac{2}{21} \left( \frac{44}{21} \right)$

④  $\frac{3}{5} \left( \frac{8}{5} \right)$  ⑤ 8 ⑥ 2

2 ① 式  $\frac{10}{9} \times \frac{15}{4} = \frac{25}{6} = 4\frac{1}{6}$

① 答え  $4\frac{1}{6} \text{m}^2 \left( \frac{25}{6} \text{m}^2 \right)$

◆分数のかけ算 (P.24・25)

## 14 整数×真分数 (約分なし)

1 ①  $\frac{5}{7}$  ②  $\frac{3}{4}$  ③  $\frac{8}{9}$  ④  $\frac{6}{7}$  ⑤  $\frac{14}{15}$  ⑥  $\frac{15}{16}$

2 ①  $\frac{3}{5} \left( \frac{8}{5} \right)$  ②  $\frac{5}{7} \left( \frac{12}{7} \right)$  ③  $\frac{7}{8} \left( \frac{15}{8} \right)$

④  $\frac{1}{9} \left( \frac{10}{9} \right)$  ⑤  $\frac{5}{16} \left( \frac{21}{16} \right)$  ⑥  $\frac{1}{5} \left( \frac{6}{5} \right)$

3 ①  $\frac{1}{5} \left( \frac{6}{5} \right)$  ②  $\frac{1}{7} \left( \frac{8}{7} \right)$  ③  $\frac{5}{9}$

④  $\frac{1}{8} \left( \frac{9}{8} \right)$  ⑤  $5\frac{1}{4} \left( \frac{21}{4} \right)$  ⑥  $3\frac{3}{5} \left( \frac{18}{5} \right)$

⑦  $\frac{8}{15}$  ⑧  $\frac{1}{7} \left( \frac{8}{7} \right)$  ⑨  $\frac{3}{5} \left( \frac{8}{5} \right)$

⑩  $\frac{7}{9} \left( \frac{16}{9} \right)$  ⑪  $2\frac{1}{4} \left( \frac{9}{4} \right)$  ⑫  $\frac{5}{16} \left( \frac{21}{16} \right)$

4 ① 式  $5 \times \frac{5}{6} = \frac{25}{6} = 4\frac{1}{6}$

① 答え  $4\frac{1}{6} \text{L} \left( \frac{25}{6} \text{L} \right)$

◆分数のかけ算 (P.26・27)

## 15 整数×真分数 (約分あり)

1 ①  $\frac{1}{2}$  ②  $\frac{1}{3}$  ③  $\frac{4}{5}$  ④  $\frac{2}{3}$  ⑤  $\frac{2}{3}$  ⑥  $\frac{5}{8}$

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

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

3 ①  $2\frac{1}{4} \left( \frac{9}{4} \right)$  ②  $\frac{1}{2}$  ③  $9\frac{1}{3} \left( \frac{28}{3} \right)$

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

4 ① 式  $6 \times \frac{2}{3} = 4$

① 答え 4m

◆分数のかけ算 (P.28)

## 16 整数×仮分数 (約分なし)

1 ①  $6\frac{2}{3} \left( \frac{20}{3} \right)$  ②  $3\frac{3}{5} \left( \frac{18}{5} \right)$  ③  $7\frac{1}{2} \left( \frac{15}{2} \right)$

④  $2\frac{4}{7} \left( \frac{18}{7} \right)$  ⑤  $8\frac{1}{4} \left( \frac{33}{4} \right)$  ⑥  $5\frac{5}{9} \left( \frac{50}{9} \right)$

2 ① 式  $8 \times \frac{9}{5} = \frac{72}{5} = 14\frac{2}{5}$

① 答え  $14\frac{2}{5} \text{m}^2 \left( \frac{72}{5} \text{m}^2 \right)$

◆分数のかけ算 (P.29)

## 17 整数×仮分数 (約分あり)

1 ①  $6\frac{3}{4} \left( \frac{27}{4} \right)$  ②  $3\frac{1}{3} \left( \frac{10}{3} \right)$  ③  $10\frac{1}{2} \left( \frac{21}{2} \right)$

④  $2\frac{1}{5} \left( \frac{11}{5} \right)$  ⑤  $6\frac{1}{2} \left( \frac{13}{2} \right)$  ⑥ 15

2 ① 式  $6 \times \frac{9}{4} = \frac{27}{2} = 13\frac{1}{2}$

① 答え  $13\frac{1}{2} \text{kg} \left( \frac{27}{2} \text{kg} \right)$

◆分数のかけ算 (P.30・31)

## 18 整数×帯分数 (約分なし)

- ① ①  $2\frac{2}{3}(\frac{8}{3})$  ②  $4\frac{4}{5}(\frac{24}{5})$  ③  $8\frac{3}{4}(\frac{35}{4})$   
 ④  $3\frac{3}{10}(\frac{33}{10})$
- ② ①  $2\frac{4}{7}(\frac{18}{7})$  ②  $8\frac{1}{4}(\frac{33}{4})$  ③  $11\frac{1}{4}(\frac{45}{4})$   
 ④  $6\frac{2}{3}(\frac{20}{3})$
- ③ ①  $7\frac{1}{3}(\frac{22}{3})$  ②  $3\frac{3}{4}(\frac{15}{4})$  ③  $4\frac{2}{7}(\frac{30}{7})$   
 ④  $10\frac{1}{5}(\frac{51}{5})$  ⑤  $9\frac{1}{3}(\frac{28}{3})$  ⑥  $5\frac{7}{9}(\frac{52}{9})$   
 ⑦  $2\frac{6}{11}(\frac{28}{11})$  ⑧  $12\frac{1}{2}(\frac{25}{2})$
- ④ ④ 式  $6 \times 2\frac{1}{5} = 13\frac{1}{5}(\frac{66}{5})$   
 ④ 答え  $13\frac{1}{5}\text{m}^2(\frac{66}{5}\text{m}^2)$

◆分数のかけ算 (P.32・33)

## 19 整数×帯分数 (約分あり)

- ① ①  $2\frac{1}{4}(\frac{9}{4})$  ②  $3\frac{1}{3}(\frac{10}{3})$  ③  $4\frac{2}{3}(\frac{14}{3})$   
 ④ 10
- ② ①  $13\frac{1}{3}(\frac{40}{3})$  ②  $13\frac{1}{2}(\frac{27}{2})$   
 ③  $16\frac{4}{5}(\frac{84}{5})$  ④ 21
- ③ ①  $4\frac{1}{2}(\frac{9}{2})$  ②  $6\frac{4}{5}(\frac{34}{5})$  ③  $8\frac{1}{4}(\frac{33}{4})$   
 ④  $3\frac{1}{2}(\frac{7}{2})$  ⑤ 26 ⑥ 13
- ⑦  $7\frac{1}{3}(\frac{22}{3})$  ⑧  $12\frac{2}{3}(\frac{38}{3})$
- ④ ④ 式  $3 \times 2\frac{5}{6} = 8\frac{1}{2}(\frac{17}{2})$   
 ④ 答え  $8\frac{1}{2}\text{m}^2(\frac{17}{2}\text{m}^2)$

◆分数のかけ算 (P.34・35)

## 20 帯分数×真分数 (約分なし)

- ① ①  $\frac{5}{12}$  ②  $\frac{7}{12}$  ③  $1\frac{4}{21}(\frac{25}{21})$

④  $1\frac{13}{72}(\frac{85}{72})$

② ①  $\frac{9}{40}$  ②  $\frac{5}{27}$  ③  $1\frac{1}{20}(\frac{21}{20})$

④  $1\frac{17}{48}(\frac{65}{48})$

③ ①  $\frac{20}{21}$  ②  $1\frac{1}{15}(\frac{16}{15})$  ③  $1\frac{25}{32}(\frac{57}{32})$

④  $1\frac{23}{54}(\frac{77}{54})$  ⑤  $\frac{27}{70}$  ⑥  $\frac{7}{18}$  ⑦  $\frac{15}{16}$

⑧  $1\frac{5}{27}(\frac{32}{27})$

④ ④ 式  $\frac{4}{5} \times 2\frac{2}{3} = 2\frac{2}{15}(\frac{32}{15})$

④ ④ 答え  $2\frac{2}{15}\text{kg}(\frac{32}{15}\text{kg})$

◆分数のかけ算 (P.36・37)

## 21 帯分数×真分数 (約分1回)

- ① ①  $\frac{6}{7}$  ②  $\frac{1}{3}$  ③  $2\frac{4}{9}(\frac{22}{9})$  ④  $1\frac{23}{27}(\frac{50}{27})$
- ② ①  $\frac{1}{4}$  ②  $\frac{4}{7}$  ③  $1\frac{1}{14}(\frac{15}{14})$  ④  $2\frac{5}{36}(\frac{77}{36})$
- ③ ①  $\frac{3}{4}$  ②  $1\frac{2}{7}(\frac{9}{7})$  ③  $\frac{4}{15}$  ④  $\frac{26}{33}$   
 ⑤  $1\frac{5}{9}(\frac{14}{9})$  ⑥  $1\frac{5}{16}(\frac{21}{16})$  ⑦  $\frac{22}{27}$  ⑧  $1\frac{1}{3}(\frac{4}{3})$
- ④ ④ 式  $2\frac{2}{5} \times \frac{3}{4} = 1\frac{4}{5}(\frac{9}{5})$   
 ④ ④ 答え  $1\frac{4}{5}\text{L}(\frac{9}{5}\text{L})$

◆分数のかけ算 (P.38・39)

## 22 帯分数×真分数 (約分2回)

- ① ①  $\frac{1}{2}$  ②  $\frac{3}{4}$  ③  $1\frac{1}{3}(\frac{4}{3})$  ④  $1\frac{1}{5}(\frac{6}{5})$
- ② ①  $\frac{1}{2}$  ②  $\frac{1}{3}$  ③ 1 ④  $1\frac{2}{3}(\frac{5}{3})$
- ③ ①  $\frac{3}{4}$  ②  $\frac{1}{2}$  ③  $1\frac{1}{2}(\frac{3}{2})$  ④  $\frac{1}{2}$  ⑤  $\frac{3}{14}$   
 ⑥  $\frac{2}{5}$  ⑦  $1\frac{1}{3}(\frac{4}{3})$  ⑧  $2\frac{5}{8}(\frac{21}{8})$
- ④ ④ 式  $1\frac{4}{5} \times \frac{5}{6} = 1\frac{1}{2}(\frac{3}{2})$   
 ④ ④ 答え  $1\frac{1}{2}\text{L}(\frac{3}{2}\text{L})$

◆分数のかけ算 (P.40・41)

## 23 帯分数×帯分数 (約分なし)

- ① ①  $1\frac{7}{8} \left(\frac{15}{8}\right)$    ②  $1\frac{11}{24} \left(\frac{35}{24}\right)$    ③  $1\frac{11}{21} \left(\frac{32}{21}\right)$   
 ④  $3\frac{3}{10} \left(\frac{33}{10}\right)$
- ② ①  $2\frac{11}{12} \left(\frac{35}{12}\right)$    ②  $2\frac{2}{35} \left(\frac{72}{35}\right)$    ③  $3\frac{3}{20} \left(\frac{63}{20}\right)$   
 ④  $3\frac{17}{21} \left(\frac{80}{21}\right)$
- ③ ①  $2\frac{1}{12} \left(\frac{25}{12}\right)$    ②  $2\frac{1}{16} \left(\frac{33}{16}\right)$    ③  $2\frac{25}{28} \left(\frac{81}{28}\right)$   
 ④  $2\frac{7}{24} \left(\frac{55}{24}\right)$    ⑤  $1\frac{43}{45} \left(\frac{88}{45}\right)$    ⑥  $1\frac{13}{35} \left(\frac{48}{35}\right)$   
 ⑦  $4\frac{7}{12} \left(\frac{55}{12}\right)$    ⑧  $4\frac{9}{10} \left(\frac{49}{10}\right)$
- ④ 式  $1\frac{3}{4} \times 3\frac{1}{2} = 6\frac{1}{8} \left(\frac{49}{8}\right)$   
 答え  $6\frac{1}{8} \text{kg} \left(\frac{49}{8} \text{kg}\right)$

◆分数のかけ算 (P.42・43)

## 24 帯分数×帯分数 (約分1回)

- ① ①  $1\frac{3}{4} \left(\frac{7}{4}\right)$    ②  $1\frac{2}{3} \left(\frac{5}{3}\right)$    ③  $1\frac{7}{20} \left(\frac{27}{20}\right)$   
 ④  $2\frac{5}{8} \left(\frac{21}{8}\right)$
- ② ①  $2\frac{1}{3} \left(\frac{7}{3}\right)$    ②  $2\frac{5}{14} \left(\frac{33}{14}\right)$    ③  $1\frac{3}{8} \left(\frac{11}{8}\right)$   
 ④  $4\frac{2}{3} \left(\frac{14}{3}\right)$
- ③ ①  $2\frac{1}{3} \left(\frac{7}{3}\right)$    ②  $2\frac{2}{3} \left(\frac{8}{3}\right)$    ③  $3\frac{3}{5} \left(\frac{18}{5}\right)$   
 ④  $2\frac{5}{14} \left(\frac{33}{14}\right)$    ⑤  $1\frac{17}{18} \left(\frac{35}{18}\right)$    ⑥  $3\frac{1}{9} \left(\frac{28}{9}\right)$   
 ⑦  $4\frac{1}{8} \left(\frac{33}{8}\right)$    ⑧  $4\frac{1}{8} \left(\frac{33}{8}\right)$
- ④ 式  $1\frac{5}{8} \times 2\frac{2}{3} = 4\frac{1}{3} \left(\frac{13}{3}\right)$   
 答え  $4\frac{1}{3} \text{kg} \left(\frac{13}{3} \text{kg}\right)$

◆分数のかけ算 (P.44・45)

## 25 帯分数×帯分数 (約分2回)

- ① ①  $1\frac{1}{2} \left(\frac{3}{2}\right)$    ②  $1\frac{2}{3} \left(\frac{5}{3}\right)$    ③  $1\frac{1}{4} \left(\frac{5}{4}\right)$   
 ④ 3
- ② ①  $1\frac{1}{2} \left(\frac{3}{2}\right)$    ②  $2\frac{1}{2} \left(\frac{5}{2}\right)$    ③ 2  
 ④  $3\frac{1}{2} \left(\frac{7}{2}\right)$
- ③ ①  $4\frac{1}{2} \left(\frac{9}{2}\right)$    ②  $2\frac{1}{3} \left(\frac{7}{3}\right)$    ③  $1\frac{1}{5} \left(\frac{6}{5}\right)$   
 ④ 4   ⑤  $3\frac{1}{2} \left(\frac{7}{2}\right)$    ⑥ 3   ⑦  $1\frac{1}{2} \left(\frac{3}{2}\right)$   
 ⑧  $7\frac{1}{2} \left(\frac{15}{2}\right)$
- ④ 式  $2\frac{2}{5} \times 1\frac{2}{3} = 4$   
 答え 4m

◆分数のかけ算 (P.46・47)

## 26 まとめの練習

- ① ①  $\frac{3}{20}$    ②  $\frac{3}{4}$    ③  $4\frac{2}{3} \left(\frac{14}{3}\right)$    ④  $1\frac{3}{4} \left(\frac{7}{4}\right)$
- ② ①  $\frac{3}{8}$    ②  $\frac{1}{2}$    ③  $2\frac{4}{5} \left(\frac{14}{5}\right)$    ④  $5\frac{1}{2} \left(\frac{11}{2}\right)$
- ③ ①  $\frac{3}{14}$    ②  $1\frac{1}{4} \left(\frac{5}{4}\right)$    ③  $2\frac{1}{3} \left(\frac{7}{3}\right)$   
 ④  $3\frac{1}{2} \left(\frac{7}{2}\right)$
- ④ ①  $\frac{2}{7}$    ②  $2\frac{4}{5} \left(\frac{14}{5}\right)$    ③  $2\frac{1}{16} \left(\frac{33}{16}\right)$   
 ④  $2\frac{2}{3} \left(\frac{8}{3}\right)$    ⑤  $4\frac{2}{3} \left(\frac{14}{3}\right)$    ⑥  $\frac{1}{6}$   
 ⑦  $\frac{2}{3}$    ⑧  $1\frac{1}{3} \left(\frac{4}{3}\right)$
- ⑤ 式  $80 \times 3\frac{1}{4} = 260$   
 答え 260円

◆分数のわり算 (P.48・49)

## 27 真分数÷整数 (約分なし)

- ① ①  $\frac{1}{6}$    ②  $\frac{1}{8}$    ③  $\frac{1}{15}$    ④  $\frac{1}{40}$    ⑤  $\frac{1}{24}$   
 ⑥  $\frac{1}{27}$

2 ①  $\frac{3}{8}$  ②  $\frac{2}{35}$  ③  $\frac{3}{32}$  ④  $\frac{2}{15}$  ⑤  $\frac{4}{21}$

⑥  $\frac{4}{45}$

3 ①  $\frac{1}{14}$  ②  $\frac{4}{15}$  ③  $\frac{5}{54}$  ④  $\frac{3}{32}$  ⑤  $\frac{2}{15}$

⑥  $\frac{1}{18}$  ⑦  $\frac{1}{28}$  ⑧  $\frac{3}{40}$  ⑨  $\frac{7}{54}$  ⑩  $\frac{5}{14}$

⑪  $\frac{3}{35}$  ⑫  $\frac{1}{72}$

4 式  $\frac{3}{5} \div 4 = \frac{3}{20}$

答え  $\frac{3}{20}$  kg

◆分数のわり算 (P.50・51)  
28 真分数÷整数 (約分あり)

1 ①  $\frac{1}{6}$  ②  $\frac{1}{4}$  ③  $\frac{1}{24}$  ④  $\frac{1}{18}$

2 ①  $\frac{2}{5}$  ②  $\frac{2}{7}$  ③  $\frac{2}{27}$  ④  $\frac{3}{50}$  ⑤  $\frac{2}{11}$

⑥  $\frac{3}{26}$

3 ①  $\frac{2}{21}$  ②  $\frac{1}{16}$  ③  $\frac{1}{12}$  ④  $\frac{4}{9}$  ⑤  $\frac{1}{49}$

⑥  $\frac{1}{24}$  ⑦  $\frac{4}{27}$  ⑧  $\frac{3}{44}$  ⑨  $\frac{3}{22}$  ⑩  $\frac{2}{45}$

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

答え  $\frac{2}{9}$  L

◆分数のわり算 (P.52)  
29 仮分数÷整数 (約分なし)

1 ①  $\frac{5}{8}$  ②  $\frac{5}{18}$  ③  $\frac{7}{12}$  ④  $\frac{9}{56}$  ⑤  $\frac{11}{16}$

⑥  $\frac{13}{63}$

2 式  $\frac{5}{3} \div 4 = \frac{5}{12}$

答え  $\frac{5}{12}$  m

◆分数のわり算 (P.53)  
30 仮分数÷整数 (約分あり)

1 ①  $\frac{2}{9}$  ②  $\frac{1}{24}$  ③  $\frac{3}{28}$  ④  $\frac{5}{9}$  ⑤  $\frac{1}{20}$

⑥  $\frac{2}{63}$

2 式  $\frac{8}{7} \div 6 = \frac{4}{21}$

答え  $\frac{4}{21}$  L

◆分数のわり算 (P.54・55)  
31 帯分数÷整数 (約分なし)

1 ①  $\frac{5}{12}$  ②  $\frac{7}{12}$  ③  $\frac{7}{30}$  ④  $\frac{5}{6}$  ⑤  $\frac{5}{12}$

⑥  $\frac{13}{30}$

2 ①  $1\frac{1}{6} \left(\frac{7}{6}\right)$  ②  $1\frac{1}{9} \left(\frac{10}{9}\right)$  ③  $1\frac{3}{8} \left(\frac{11}{8}\right)$

④  $1\frac{4}{15} \left(\frac{19}{15}\right)$

3 ①  $\frac{9}{10}$  ②  $\frac{15}{28}$  ③  $\frac{9}{20}$

④  $1\frac{11}{12} \left(\frac{23}{12}\right)$  ⑤  $1\frac{4}{9} \left(\frac{13}{9}\right)$  ⑥  $\frac{11}{32}$

4 式  $2\frac{1}{5} \div 4 = \frac{11}{20}$

答え  $\frac{11}{20}$  kg

◆分数のわり算 (P.56・57)  
32 帯分数÷整数 (約分あり)

1 ①  $\frac{1}{2}$  ②  $\frac{3}{4}$  ③  $\frac{2}{5}$  ④  $\frac{3}{7}$

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

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

3 ①  $\frac{3}{7}$  ②  $\frac{2}{5}$  ③  $\frac{1}{3}$  ④  $1\frac{3}{5} \left(\frac{8}{5}\right)$

⑤  $\frac{3}{8}$  ⑥  $\frac{5}{32}$  ⑦  $1\frac{1}{9} \left(\frac{10}{9}\right)$  ⑧  $\frac{7}{24}$

4 式  $2\frac{2}{7} \div 4 = \frac{4}{7}$

答え  $\frac{4}{7}$  kg

◆分数のわり算 (P.58・59)

### 33 真分数÷真分数 (約分なし)

1 ①  $\frac{3}{8}$  ②  $\frac{4}{15}$  ③  $\frac{5}{6}$  ④  $\frac{8}{21}$

2 ①  $1\frac{1}{5}(\frac{6}{5})$  ②  $1\frac{5}{7}(\frac{12}{7})$  ③  $2\frac{1}{2}(\frac{5}{2})$

④  $1\frac{13}{15}(\frac{28}{15})$

3 ①  $2\frac{5}{8}(\frac{21}{8})$  ②  $\frac{5}{6}$  ③  $1\frac{7}{20}(\frac{27}{20})$

④  $\frac{15}{16}$  ⑤  $5\frac{5}{6}(\frac{35}{6})$  ⑥  $1\frac{13}{35}(\frac{48}{35})$

⑦  $1\frac{1}{15}(\frac{16}{15})$  ⑧  $\frac{10}{27}$

4 式  $\frac{5}{7} \div \frac{3}{4} = \frac{20}{21}$

答え  $\frac{20}{21}$  kg

◆分数のわり算 (P.60・61)

### 34 真分数÷真分数 (約分1回)

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

2 ①  $1\frac{1}{2}(\frac{3}{2})$  ② 2 ③  $1\frac{1}{5}(\frac{6}{5})$

④  $1\frac{3}{7}(\frac{10}{7})$

3 ①  $1\frac{1}{9}(\frac{10}{9})$  ②  $\frac{5}{9}$  ③  $5\frac{1}{4}(\frac{21}{4})$  ④  $\frac{3}{28}$

⑤  $1\frac{1}{8}(\frac{9}{8})$  ⑥  $\frac{20}{21}$  ⑦  $\frac{14}{27}$  ⑧  $\frac{15}{28}$

4 式  $\frac{2}{3} \div \frac{5}{6} = \frac{4}{5}$

答え  $\frac{4}{5}$  m<sup>2</sup>

◆分数のわり算 (P.62・63)

### 35 真分数÷真分数 (約分2回)

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

2 ① 3 ②  $1\frac{1}{2}(\frac{3}{2})$  ③  $1\frac{1}{4}(\frac{5}{4})$

④  $6\frac{2}{3}(\frac{20}{3})$

3 ①  $1\frac{1}{2}(\frac{3}{2})$  ②  $1\frac{1}{3}(\frac{4}{3})$  ③  $1\frac{1}{3}(\frac{4}{3})$

④  $\frac{6}{7}$  ⑤  $\frac{3}{10}$  ⑥ 6 ⑦  $1\frac{1}{2}(\frac{3}{2})$

⑧  $1\frac{1}{2}(\frac{3}{2})$

4 式  $\frac{4}{5} \div \frac{4}{15} = 3$

答え 3本

◆分数のわり算 (P.64)

### 36 仮分数÷真分数 (約分なし)

1 ①  $1\frac{13}{15}(\frac{28}{15})$  ②  $5\frac{5}{8}(\frac{45}{8})$  ③  $2\frac{1}{12}(\frac{25}{12})$

④  $\frac{9}{40}$  ⑤  $\frac{8}{15}$  ⑥  $\frac{7}{36}$

2 式  $\frac{7}{5} \div \frac{2}{3} = \frac{21}{10} = 2\frac{1}{10}$

答え  $2\frac{1}{10}$  m<sup>2</sup> ( $\frac{21}{10}$  m<sup>2</sup>)

◆分数のわり算 (P.65)

### 37 仮分数÷真分数 (約分あり)

1 ①  $7\frac{1}{2}(\frac{15}{2})$  ②  $5\frac{1}{4}(\frac{21}{4})$  ③  $1\frac{5}{7}(\frac{12}{7})$

④  $\frac{5}{9}$  ⑤  $\frac{2}{5}$  ⑥  $\frac{2}{3}$

2 式  $\frac{3}{8} \div \frac{6}{5} = \frac{5}{16}$

答え  $\frac{5}{16}$  倍

◆分数のわり算 (P.66)

### 38 仮分数÷仮分数 (約分なし)

① ①  $\frac{10}{27}$  ②  $1\frac{5}{16}$  ( $\frac{21}{16}$ ) ③  $\frac{27}{50}$

④  $1\frac{1}{21}$  ( $\frac{22}{21}$ ) ⑤  $\frac{32}{45}$  ⑥  $1\frac{1}{44}$  ( $\frac{45}{44}$ )

② ① 式  $\frac{10}{3} \div \frac{9}{5} = \frac{50}{27} = 1\frac{23}{27}$

② 答え  $1\frac{23}{27}$  kg ( $\frac{50}{27}$  kg)

◆分数のわり算 (P.67)

### 39 仮分数÷仮分数 (約分あり)

① ①  $1\frac{1}{5}$  ( $\frac{6}{5}$ ) ②  $1\frac{2}{5}$  ( $\frac{7}{5}$ ) ③  $\frac{35}{36}$

④  $\frac{6}{7}$  ⑤  $1\frac{1}{2}$  ( $\frac{3}{2}$ ) ⑥  $1\frac{1}{2}$  ( $\frac{3}{2}$ )

② ① 式  $\frac{8}{3} \div \frac{6}{5} = \frac{20}{9} = 2\frac{2}{9}$

② 答え  $2\frac{2}{9}$  m ( $\frac{20}{9}$  m)

◆分数のわり算 (P.68・69)

### 40 整数÷真分数 (約分なし)

① ①  $6\frac{2}{3}$  ( $\frac{20}{3}$ ) ②  $3\frac{3}{5}$  ( $\frac{18}{5}$ ) ③  $10\frac{2}{3}$  ( $\frac{32}{3}$ )

④  $5\frac{5}{7}$  ( $\frac{40}{7}$ )

② ①  $7\frac{7}{9}$  ( $\frac{70}{9}$ ) ②  $4\frac{4}{11}$  ( $\frac{48}{11}$ )

③  $12\frac{5}{6}$  ( $\frac{77}{6}$ ) ④  $17\frac{1}{3}$  ( $\frac{52}{3}$ )

③ ①  $5\frac{1}{7}$  ( $\frac{36}{7}$ ) ②  $9\frac{7}{9}$  ( $\frac{88}{9}$ ) ③  $4\frac{1}{2}$  ( $\frac{9}{2}$ )

④  $16\frac{2}{3}$  ( $\frac{50}{3}$ ) ⑤  $6\frac{2}{3}$  ( $\frac{20}{3}$ ) ⑥  $2\frac{4}{5}$  ( $\frac{14}{5}$ )

⑦  $13\frac{1}{5}$  ( $\frac{66}{5}$ ) ⑧  $3\frac{3}{14}$  ( $\frac{45}{14}$ )

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

④ 答え  $2\frac{2}{3}$  m<sup>2</sup> ( $\frac{8}{3}$  m<sup>2</sup>)

◆分数のわり算 (P.70・71)

### 41 整数÷真分数 (約分あり)

① ①  $4\frac{1}{2}$  ( $\frac{9}{2}$ ) ②  $9\frac{1}{3}$  ( $\frac{28}{3}$ ) ③ 15 ④ 4

② ①  $7\frac{1}{3}$  ( $\frac{22}{3}$ ) ②  $7\frac{1}{2}$  ( $\frac{15}{2}$ )

③  $13\frac{1}{2}$  ( $\frac{27}{2}$ ) ④ 35

③ ①  $6\frac{3}{4}$  ( $\frac{27}{4}$ ) ② 30 ③ 16 ④  $3\frac{1}{2}$  ( $\frac{7}{2}$ )

⑤  $8\frac{2}{3}$  ( $\frac{26}{3}$ ) ⑥  $6\frac{2}{3}$  ( $\frac{20}{3}$ ) ⑦ 5

⑧  $10\frac{1}{2}$  ( $\frac{21}{2}$ )

④ ① 式  $9 \div \frac{3}{5} = 15$

④ 答え 15本

◆分数のわり算 (P.72)

### 42 整数÷仮分数 (約分なし)

① ①  $\frac{8}{9}$  ②  $3\frac{3}{5}$  ( $\frac{18}{5}$ ) ③  $2\frac{6}{7}$  ( $\frac{20}{7}$ )

④  $6\frac{1}{8}$  ( $\frac{49}{8}$ ) ⑤  $2\frac{7}{10}$  ( $\frac{27}{10}$ ) ⑥  $4\frac{1}{8}$  ( $\frac{33}{8}$ )

② ① 式  $10 \div \frac{13}{8} = \frac{80}{13} = 6\frac{2}{13}$

② 答え  $6\frac{2}{13}$  m ( $\frac{80}{13}$  m)

◆分数のわり算 (P.73)

### 43 整数÷仮分数 (約分あり)

① ①  $2\frac{1}{3}$  ( $\frac{7}{3}$ ) ②  $2\frac{1}{2}$  ( $\frac{5}{2}$ ) ③  $3\frac{3}{8}$  ( $\frac{27}{8}$ )

④  $9\frac{1}{6}$  ( $\frac{55}{6}$ ) ⑤ 12 ⑥ 10

② ① 式  $9 \div \frac{3}{2} = 6$

② 答え 6本



◆分数のわり算 (P.74・75)

### 44 整数÷帯分数 (約分なし)

- ① ①  $\frac{4}{5}$  ②  $\frac{9}{11}$   
 ② ①  $\frac{1}{3}(\frac{4}{3})$  ②  $2\frac{2}{5}(\frac{12}{5})$  ③  $1\frac{1}{8}(\frac{9}{8})$   
 ④  $1\frac{7}{13}(\frac{20}{13})$   
 ③ ①  $2\frac{1}{7}(\frac{15}{7})$  ②  $\frac{6}{7}$  ③  $2\frac{2}{11}(\frac{24}{11})$   
 ④  $1\frac{1}{7}(\frac{8}{7})$  ⑤  $\frac{8}{13}$  ⑥  $1\frac{1}{5}(\frac{6}{5})$   
 ⑦  $2\frac{3}{16}(\frac{35}{16})$  ⑧  $2\frac{2}{5}(\frac{12}{5})$   
 ④ 式  $2 \div 1\frac{5}{6} = 1\frac{1}{11}(\frac{12}{11})$   
 答え  $1\frac{1}{11}$  倍 ( $\frac{12}{11}$  倍)

◆分数のわり算 (P.76・77)

### 45 整数÷帯分数 (約分あり)

- ① ①  $\frac{3}{4}$  ②  $\frac{4}{5}$   
 ② ①  $1\frac{1}{2}(\frac{3}{2})$  ② 2 ③  $2\frac{1}{4}(\frac{9}{4})$   
 ④  $1\frac{1}{4}(\frac{5}{4})$   
 ③ ①  $2\frac{1}{3}(\frac{7}{3})$  ②  $\frac{5}{7}$  ③ 6 ④  $\frac{2}{3}$  ⑤  $\frac{3}{4}$   
 ⑥  $6\frac{3}{4}(\frac{27}{4})$  ⑦  $8\frac{1}{3}(\frac{25}{3})$  ⑧  $3\frac{1}{5}(\frac{16}{5})$   
 ④ 式  $9 \div 1\frac{1}{2} = 6$   
 答え 6本

◆分数のわり算 (P.78・79)

### 46 帯分数÷真分数 (約分なし)

- ① ①  $5\frac{1}{3}(\frac{16}{3})$  ②  $\frac{7}{40}$   
 ② ①  $4\frac{4}{9}(\frac{40}{9})$  ②  $7\frac{7}{8}(\frac{63}{8})$  ③  $\frac{15}{56}$  ④  $\frac{15}{56}$   
 ③ ①  $3\frac{3}{20}(\frac{63}{20})$  ②  $\frac{8}{63}$  ③  $\frac{15}{56}$  ④  $5\frac{5}{6}(\frac{35}{6})$

◆分数のわり算 (P.80・81)

### 47 帯分数÷真分数 (約分1回)

- ① ①  $3\frac{1}{2}(\frac{7}{2})$  ②  $\frac{1}{6}$   
 ② ①  $\frac{5}{7}(\frac{12}{7})$  ②  $4\frac{2}{5}(\frac{22}{5})$  ③  $\frac{5}{8}$   
 ④  $\frac{10}{27}$   
 ③ ①  $\frac{8}{33}$  ②  $1\frac{3}{7}(\frac{10}{7})$  ③  $\frac{1}{5}$   
 ④  $3\frac{1}{16}(\frac{49}{16})$  ⑤  $2\frac{4}{7}(\frac{18}{7})$  ⑥  $\frac{18}{65}$   
 ④ 式  $1\frac{1}{6} \div \frac{3}{8} = 3\frac{1}{9}(\frac{28}{9})$   
 答え  $3\frac{1}{9}m^2$  ( $\frac{28}{9}m^2$ )

◆分数のわり算 (P.82・83)

### 48 帯分数÷真分数 (約分2回)

- ① ①  $1\frac{1}{2}(\frac{3}{2})$  ②  $\frac{1}{2}$   
 ② ①  $\frac{5}{7}(\frac{12}{7})$  ② 6 ③  $\frac{3}{8}$  ④  $\frac{6}{25}$   
 ③ ①  $4\frac{1}{2}(\frac{9}{2})$  ②  $\frac{3}{5}$  ③  $2\frac{2}{5}(\frac{12}{5})$  ④  $\frac{1}{6}$

◆分数のわり算 (P.84・85)

### 49 帯分数÷帯分数 (約分なし)

- ① ①  $\frac{15}{16}$  ②  $\frac{14}{25}$   
 ② ①  $1\frac{7}{20}(\frac{27}{20})$  ②  $1\frac{13}{36}(\frac{49}{36})$   
 ③  $2\frac{2}{35}(\frac{72}{35})$  ④  $1\frac{19}{21}(\frac{40}{21})$   
 ③ ①  $\frac{24}{35}$  ②  $2\frac{2}{27}(\frac{56}{27})$  ③  $\frac{55}{78}$   
 ④  $3\frac{3}{20}(\frac{63}{20})$  ⑤  $1\frac{9}{56}(\frac{65}{56})$  ⑥  $1\frac{5}{63}(\frac{68}{63})$   
 ④ 式  $1\frac{5}{8} \div 1\frac{2}{3} = \frac{39}{40}$   
 答え  $\frac{39}{40}$  倍

◆分数のわり算 (P.86・87)

## 50 帯分数÷帯分数 (約分1回)

1 ①  $\frac{15}{26}$  ②  $\frac{2}{3}$

2 ①  $3\frac{3}{8}\left(\frac{11}{8}\right)$  ②  $2\frac{2}{5}\left(\frac{7}{5}\right)$  ③  $1\frac{13}{44}\left(\frac{57}{44}\right)$

④  $1\frac{8}{27}\left(\frac{35}{27}\right)$

3 ①  $1\frac{4}{11}\left(\frac{15}{11}\right)$  ②  $\frac{5}{9}$  ③  $1\frac{19}{44}\left(\frac{63}{44}\right)$

④  $1\frac{7}{26}\left(\frac{33}{26}\right)$  ⑤  $1\frac{3}{25}\left(\frac{28}{25}\right)$  ⑥  $\frac{16}{27}$

4 式  $2\frac{5}{8} \div 1\frac{1}{5} = 2\frac{3}{16}\left(\frac{35}{16}\right)$

答え  $2\frac{3}{16}\text{m}\left(\frac{35}{16}\text{m}\right)$

◆分数のわり算 (P.88・89)

## 51 帯分数÷帯分数 (約分2回)

1 ①  $\frac{5}{6}$  ②  $\frac{4}{9}$

2 ①  $1\frac{1}{2}\left(\frac{3}{2}\right)$  ②  $1\frac{3}{5}\left(\frac{8}{5}\right)$  ③  $1\frac{1}{2}\left(\frac{3}{2}\right)$

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

3 ①  $\frac{6}{7}$  ②  $\frac{1}{2}$  ③  $2\frac{1}{3}\left(\frac{7}{3}\right)$  ④  $2\frac{2}{3}\left(\frac{8}{3}\right)$

⑤  $\frac{2}{3}$  ⑥ 2

4 式  $3\frac{3}{4} \div 1\frac{1}{2} = 2\frac{1}{2}\left(\frac{5}{2}\right)$

答え  $2\frac{1}{2}\text{m}^2\left(\frac{5}{2}\text{m}^2\right)$

◆分数のわり算 (P.90・91)

## 52 まとめの練習

1 ①  $1\frac{5}{16}\left(\frac{21}{16}\right)$  ②  $\frac{25}{28}$  ③  $2\frac{13}{18}\left(\frac{49}{18}\right)$

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

2 ①  $3\frac{3}{4}\left(\frac{15}{4}\right)$  ②  $2\frac{1}{3}\left(\frac{7}{3}\right)$  ③ 6

④  $7\frac{5}{7}\left(\frac{54}{7}\right)$

3 ①  $1\frac{13}{15}\left(\frac{28}{15}\right)$  ②  $\frac{1}{3}$  ③  $\frac{24}{55}$  ④  $\frac{3}{4}$

4 ①  $2\frac{11}{12}\left(\frac{35}{12}\right)$  ②  $1\frac{19}{20}\left(\frac{39}{20}\right)$  ③  $\frac{15}{32}$

④  $1\frac{1}{3}\left(\frac{4}{3}\right)$  ⑤  $3\frac{4}{7}\left(\frac{25}{7}\right)$  ⑥  $\frac{20}{21}$

⑦  $1\frac{1}{3}\left(\frac{4}{3}\right)$  ⑧  $\frac{4}{35}$

5 式  $2\frac{2}{3} \div \frac{4}{9} = 6$

答え 6本

◆分数のかけ算とわり算 (P.92・93)

## 53 分数のかけ算とわり算のまとめ

1 ①  $\frac{2}{21}$  ②  $\frac{2}{5}$  ③  $2\frac{14}{15}\left(\frac{44}{15}\right)$  ④  $\frac{2}{3}$

⑤  $1\frac{1}{2}\left(\frac{3}{2}\right)$  ⑥ 3

2 ①  $1\frac{7}{9}\left(\frac{16}{9}\right)$  ②  $\frac{5}{8}$  ③  $\frac{3}{8}$  ④ 12

⑤  $3\frac{3}{7}\left(\frac{24}{7}\right)$  ⑥  $\frac{2}{3}$

3 ①  $\frac{1}{8}$  ②  $\frac{3}{10}$  ③  $4\frac{4}{5}\left(\frac{24}{5}\right)$  ④  $17\frac{1}{2}\left(\frac{35}{2}\right)$

⑤  $10\frac{1}{2}\left(\frac{21}{2}\right)$  ⑥  $1\frac{7}{8}\left(\frac{15}{8}\right)$  ⑦  $\frac{2}{3}$

⑧  $4\frac{1}{6}\left(\frac{25}{6}\right)$

4 式  $1\frac{1}{9} \times \frac{2}{3} = \frac{20}{27}$

答え  $\frac{20}{27}\text{m}^2$

◆3つの分数の計算 (P.94・95)

## 54 ●×▲×■

1 ①  $\frac{2}{21}$  ②  $\frac{2}{21}$  ③  $\frac{5}{8}$  ④ 1 ⑤  $\frac{1}{12}$  ⑥  $\frac{3}{8}$

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

3 ①  $\frac{1}{6}$  ②  $\frac{9}{28}$  ③  $\frac{4}{21}$  ④  $\frac{16}{21}$  ⑤  $\frac{1}{20}$

⑥ 4 ⑦  $\frac{2}{35}$  ⑧  $\frac{1}{4}$  ⑨  $2\frac{1}{2}\left(\frac{5}{2}\right)$

⑩  $13\frac{1}{3}\left(\frac{40}{3}\right)$  ⑪  $1\frac{5}{7}\left(\frac{12}{7}\right)$  ⑫  $\frac{3}{4}$

55 ◆3つの分数の計算 (P.96・97)

- 1 ①  $\frac{5}{6}$  ②  $\frac{3}{7}$  ③  $9\frac{1}{3}$  ( $\frac{28}{3}$ ) ④  $\frac{1}{30}$   
 2 ①  $\frac{2}{27}$  ②  $\frac{3}{5}$  ③  $3\frac{1}{2}$  ( $\frac{7}{2}$ ) ④  $\frac{5}{28}$   
 3 ①  $\frac{3}{4}$  ②  $\frac{1}{2}$  ③  $1\frac{1}{2}$  ( $\frac{3}{2}$ ) ④  $\frac{3}{40}$   
 ⑤  $9\frac{1}{3}$  ( $\frac{28}{3}$ ) ⑥  $7\frac{1}{2}$  ( $\frac{15}{2}$ ) ⑦  $\frac{1}{25}$   
 ⑧  $1\frac{1}{24}$  ( $\frac{25}{24}$ ) ⑨  $\frac{1}{22}$  ⑩  $\frac{1}{4}$

56 ◆3つの分数の計算 (P.98・99)

- 1 ①  $\frac{3}{20}$  ②  $\frac{10}{21}$  ③  $10\frac{1}{2}$  ( $\frac{21}{2}$ ) ④  $\frac{1}{24}$   
 2 ①  $\frac{4}{9}$  ②  $\frac{1}{32}$  ③  $\frac{4}{15}$  ④  $2\frac{2}{15}$  ( $\frac{32}{15}$ )  
 3 ① 12 ②  $\frac{3}{10}$  ③  $\frac{2}{15}$  ④  $\frac{2}{9}$  ⑤  $\frac{3}{4}$  ⑥  $\frac{1}{15}$   
 ⑦  $\frac{7}{50}$  ⑧ 10 ⑨  $\frac{1}{8}$  ⑩ 10

57 ◆3つの分数の計算 (P.100・101)

- 1 ① 1 ② 7 ③  $\frac{14}{27}$  ④  $\frac{1}{6}$   
 2 ①  $\frac{1}{4}$  ②  $1\frac{1}{5}$  ( $\frac{6}{5}$ ) ③  $\frac{3}{4}$  ④  $\frac{5}{14}$   
 3 ①  $4\frac{2}{7}$  ( $\frac{30}{7}$ ) ② 4 ③  $10\frac{2}{3}$  ( $\frac{32}{3}$ )  
 ④  $\frac{1}{6}$  ⑤  $\frac{1}{6}$  ⑥  $\frac{7}{12}$  ⑦  $\frac{7}{24}$  ⑧  $\frac{14}{15}$   
 ⑨  $\frac{2}{15}$  ⑩  $\frac{14}{15}$

58 ◆3つの分数の計算 (P.102・103)

- 1 ①  $\frac{1}{12}$  ②  $4\frac{2}{3}$  ( $\frac{14}{3}$ ) ③  $\frac{4}{5}$  ④  $\frac{3}{35}$   
 2 ①  $\frac{20}{21}$  ②  $\frac{2}{5}$   
 3 ①  $\frac{4}{21}$  ②  $\frac{1}{6}$

4 ①  $2\frac{1}{12}$  ( $\frac{25}{12}$ ) ②  $\frac{4}{7}$

- 5 ①  $\frac{1}{30}$  ②  $1\frac{3}{4}$  ( $\frac{7}{4}$ ) ③  $6\frac{2}{3}$  ( $\frac{20}{3}$ )  
 ④  $10\frac{2}{7}$  ( $\frac{72}{7}$ ) ⑤  $\frac{1}{2}$  ⑥  $\frac{1}{18}$  ⑦  $\frac{1}{6}$   
 ⑧  $\frac{3}{8}$  ⑨  $\frac{1}{4}$  ⑩  $3\frac{3}{8}$  ( $\frac{27}{8}$ )

59 ◆( )を使った分数の計算 (P.104)

- 1 ①  $\frac{5}{36}$  ②  $\frac{5}{12}$  ③  $\frac{5}{7}$  ④  $1\frac{11}{12}$  ( $\frac{23}{12}$ )  
 ⑤  $1\frac{2}{3}$  ( $\frac{5}{3}$ ) ⑥  $\frac{2}{3}$  ⑦  $\frac{13}{30}$   
 ⑧  $15\frac{3}{4}$  ( $\frac{63}{4}$ ) ⑨  $\frac{5}{6}$  ⑩  $2\frac{1}{3}$  ( $\frac{7}{3}$ )

60 ◆( )を使った分数の計算 (P.105)

- 1 ①  $\frac{1}{20}$  ②  $\frac{1}{7}$  ③  $\frac{1}{16}$  ④  $\frac{7}{18}$  ⑤  $\frac{2}{9}$  ⑥  $\frac{3}{7}$   
 ⑦  $\frac{1}{20}$  ⑧  $3\frac{1}{2}$  ( $\frac{7}{2}$ ) ⑨  $\frac{1}{18}$  ⑩  $\frac{1}{2}$

61 ◆( )を使った分数の計算 (P.106)

- 1 ①  $\frac{5}{8}$  ②  $1\frac{1}{3}$  ( $\frac{4}{3}$ ) ③  $\frac{17}{28}$  ④  $\frac{6}{7}$   
 ⑤  $7\frac{1}{3}$  ( $\frac{22}{3}$ ) ⑥  $1\frac{1}{2}$  ( $\frac{3}{2}$ ) ⑦  $\frac{13}{20}$   
 ⑧  $14\frac{2}{3}$  ( $\frac{44}{3}$ ) ⑨  $\frac{2}{7}$  ⑩  $3\frac{1}{3}$  ( $\frac{10}{3}$ )

62 ◆( )を使った分数の計算 (P.107)

- 1 ①  $\frac{1}{15}$  ②  $\frac{1}{2}$  ③  $\frac{1}{10}$  ④  $\frac{7}{10}$   
 ⑤  $1\frac{1}{6}$  ( $\frac{7}{6}$ ) ⑥  $\frac{1}{7}$  ⑦  $\frac{1}{7}$  ⑧  $5\frac{1}{2}$  ( $\frac{11}{2}$ )  
 ⑨  $\frac{2}{21}$  ⑩  $\frac{1}{8}$

◆ ( ) を使った分数の計算 (P.108)

63 ● ÷ (▲ + ■)

- ① ①  $\frac{1}{2} \left( \frac{3}{2} \right)$  ② 6 ③  $3 \frac{1}{3} \left( \frac{10}{3} \right)$  ④  $\frac{2}{3}$   
 ⑤  $\frac{3}{5} \left( \frac{8}{5} \right)$

◆ ( ) を使った分数の計算 (P.109)

64 ● ÷ (▲ - ■)

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

◆ ( ) を使った分数の計算 (P.110)

65 (● + ▲) ÷ ■

- ① ①  $\frac{1}{9} \left( \frac{10}{9} \right)$  ②  $3 \frac{3}{10} \left( \frac{33}{10} \right)$  ③  $\frac{1}{20} \left( \frac{21}{20} \right)$   
 ④  $\frac{11}{36}$  ⑤  $3 \frac{1}{2} \left( \frac{7}{2} \right)$

◆ ( ) を使った分数の計算 (P.111)

66 (● - ▲) ÷ ■

- ① ①  $\frac{2}{9}$  ②  $\frac{2}{3}$  ③  $\frac{1}{18}$  ④  $\frac{5}{33}$  ⑤  $\frac{3}{5}$

◆ ( ) を使った分数の計算 (P.112・113)

67 まとめの練習

- ① ①  $\frac{11}{27}$  ②  $\frac{5}{12}$  ③  $2 \frac{1}{2} \left( \frac{5}{2} \right)$  ④  $\frac{1}{10}$   
 ⑤  $\frac{2}{3} \left( \frac{5}{3} \right)$  ⑥  $\frac{2}{5} \left( \frac{7}{5} \right)$   
 ② ①  $\frac{10}{23}$  ②  $\frac{2}{3}$  ③  $\frac{5}{28}$  ④  $\frac{5}{6}$   
 ③ ①  $\frac{4}{15}$  ②  $\frac{1}{5} \left( \frac{6}{5} \right)$  ③  $4 \frac{1}{5} \left( \frac{21}{5} \right)$  ④  $\frac{3}{7}$   
 ⑤ 3 ⑥  $\frac{5}{16}$  ⑦  $\frac{7}{10}$  ⑧  $\frac{3}{4}$  ⑨  $\frac{6}{7}$   
 ⑩  $2 \frac{3}{4} \left( \frac{11}{4} \right)$

◆ 四則の混じった分数の計算 (P.114)

68 ● + ▲ × ■

- ① ①  $\frac{11}{20}$  ②  $\frac{5}{6} \left( \frac{11}{6} \right)$  ③  $\frac{11}{21}$  ④  $\frac{11}{16} \left( \frac{27}{16} \right)$   
 ⑤  $\frac{4}{5} \left( \frac{9}{5} \right)$  ⑥  $\frac{11}{14}$  ⑦  $\frac{7}{12} \left( \frac{19}{12} \right)$   
 ⑧  $2 \frac{1}{12} \left( \frac{25}{12} \right)$  ⑨  $\frac{3}{4} \left( \frac{7}{4} \right)$  ⑩  $4 \frac{1}{5} \left( \frac{21}{5} \right)$

◆ 四則の混じった分数の計算 (P.115)

69 ● - ▲ × ■

- ① ①  $\frac{3}{20}$  ②  $\frac{1}{4}$  ③  $\frac{3}{7} \left( \frac{10}{7} \right)$  ④  $\frac{13}{30}$   
 ⑤  $\frac{5}{24}$  ⑥  $\frac{1}{2} \left( \frac{3}{2} \right)$  ⑦  $\frac{7}{10}$  ⑧  $\frac{5}{9} \left( \frac{14}{9} \right)$   
 ⑨  $\frac{1}{6}$  ⑩  $\frac{11}{15}$

◆ 四則の混じった分数の計算 (P.116)

70 ● + ▲ ÷ ■

- ① ①  $\frac{11}{16}$  ②  $\frac{13}{30} \left( \frac{43}{30} \right)$  ③  $\frac{13}{15} \left( \frac{28}{15} \right)$   
 ④  $3 \frac{1}{6} \left( \frac{19}{6} \right)$  ⑤  $\frac{3}{20} \left( \frac{23}{20} \right)$

◆ 四則の混じった分数の計算 (P.117)

71 ● - ▲ ÷ ■

- ① ①  $\frac{5}{24}$  ②  $\frac{4}{9}$  ③  $\frac{5}{12}$  ④  $\frac{1}{7}$  ⑤  $\frac{7}{12} \left( \frac{19}{12} \right)$

◆ 四則の混じった分数の計算 (P.118)

72 ● (×, ÷) ▲ + ■ (×, ÷) ◆

- ① ①  $\frac{13}{30}$  ②  $\frac{7}{18} \left( \frac{25}{18} \right)$  ③  $\frac{5}{6} \left( \frac{11}{6} \right)$   
 ④  $\frac{5}{6}$  ⑤  $\frac{5}{14} \left( \frac{19}{14} \right)$

◆ 四則の混じった分数の計算 (P.119)

73 ● (×, ÷) ▲ - ■ (×, ÷) ◆

- ① ①  $\frac{1}{4}$  ②  $\frac{7}{16}$  ③  $\frac{1}{28}$  ④  $\frac{1}{24} \left( \frac{25}{24} \right)$   
 ⑤  $3 \frac{19}{36} \left( \frac{127}{36} \right)$

◆四則の混じった分数の計算 (P.120・121)

## 74 まとめの練習

- ①①  $\frac{5}{7}(\frac{12}{7})$  ②  $\frac{1}{24}(\frac{25}{24})$  ③  $\frac{11}{14}$   
 ④  $\frac{3}{5}$
- ②①  $\frac{1}{18}(\frac{19}{18})$  ②  $\frac{5}{8}$
- ③①  $\frac{1}{9}(\frac{10}{9})$  ②  $\frac{11}{15}$
- ④①  $3\frac{1}{15}(\frac{46}{15})$  ②  $\frac{1}{6}(\frac{7}{6})$  ③  $2\frac{3}{28}(\frac{59}{28})$   
 ④  $\frac{1}{4}$  ⑤  $\frac{9}{28}(\frac{37}{28})$  ⑥  $\frac{9}{10}$   
 ⑦  $3\frac{1}{2}(\frac{7}{2})$  ⑧  $\frac{4}{21}(\frac{25}{21})$

◆3つ以上の分数の計算 (P.122・123)

## 75 3つ以上の分数の計算のまとめ

- ①①  $\frac{1}{4}$  ②  $\frac{3}{4}$  ③  $\frac{1}{9}$  ④  $\frac{3}{10}$
- ②①  $\frac{8}{9}$  ②  $\frac{1}{3}(\frac{4}{3})$  ③  $\frac{17}{45}$  ④  $\frac{2}{9}$
- ③①  $\frac{11}{21}(\frac{32}{21})$  ②  $\frac{7}{8}$
- ④①  $\frac{19}{24}$  ②  $\frac{4}{21}$  ③ 1 ④  $\frac{1}{7}$  ⑤  $\frac{1}{2}(\frac{3}{2})$   
 ⑥  $\frac{3}{20}$  ⑦  $\frac{2}{15}$  ⑧  $\frac{24}{25}$  ⑨ 1 ⑩  $\frac{3}{4}$

◆分数と小数の計算 (P.124・125)

## 76 分数と小数のかけ算

- ①①  $\frac{2}{15}$  ②  $\frac{3}{14}$  ③  $\frac{3}{8}$  ④  $\frac{7}{15}$
- ②①  $\frac{7}{8}$  ②  $\frac{2}{3}(\frac{5}{3})$  ③  $\frac{3}{4}$  ④  $2\frac{1}{2}(\frac{5}{2})$
- ③①  $\frac{3}{5}$  ②  $\frac{1}{4}(\frac{9}{4})$  ③  $\frac{3}{4}$  ④ 3 ⑤  $\frac{7}{20}$   
 ⑥  $\frac{2}{45}(\frac{47}{45})$  ⑦  $\frac{1}{10}$  ⑧  $\frac{4}{25}$
- ④ (式)  $\frac{5}{9} \times 1.6 = \frac{8}{9}$   
 (答え)  $\frac{8}{9}$  kg

◆分数と小数の計算 (P.126・127)

## 77 分数と小数のわり算

- ①①  $\frac{7}{15}$  ②  $\frac{2}{3}$  ③  $\frac{2}{3}$  ④  $\frac{1}{6}(\frac{7}{6})$
- ②①  $\frac{4}{35}(\frac{39}{35})$  ②  $\frac{3}{7}$  ③  $\frac{1}{3}$  ④  $2\frac{1}{2}(\frac{5}{2})$
- ③①  $2\frac{6}{7}(\frac{20}{7})$  ②  $2\frac{1}{4}(\frac{9}{4})$  ③  $\frac{1}{4}$  ④  $\frac{5}{12}$   
 ⑤  $\frac{4}{5}$  ⑥  $\frac{1}{3}(\frac{4}{3})$  ⑦  $\frac{3}{26}(\frac{29}{26})$   
 ⑧  $\frac{1}{3}(\frac{4}{3})$
- ④ (式)  $1.2 \div \frac{4}{5} = 1\frac{1}{2}(\frac{3}{2})$   
 (答え)  $1\frac{1}{2}$  L ( $\frac{3}{2}$  L)

◆分数と小数の計算 (P.128・129)

## 78 まとめの練習

- ①①  $\frac{13}{18}$  ②  $\frac{1}{10}$  ③  $\frac{7}{30}$  ④  $\frac{1}{2}(\frac{3}{2})$
- ②①  $\frac{1}{5}(\frac{6}{5})$  ②  $\frac{7}{20}$  ③  $\frac{4}{5}$  ④  $3\frac{1}{3}(\frac{10}{3})$
- ③ (式)  $3.9 \times 1\frac{2}{3} = 6\frac{1}{2}(\frac{13}{2})$   
 (答え)  $6\frac{1}{2}$  km ( $\frac{13}{2}$  km)
- ④①  $\frac{2}{3}$  ②  $2\frac{1}{2}(\frac{5}{2})$  ③  $\frac{1}{2}(\frac{3}{2})$  ④  $\frac{3}{10}$   
 ⑤  $\frac{3}{4}$  ⑥  $\frac{4}{5}$

◆整数・小数・分数の計算 (P.130)

## 79 ●×▲×■

- ①①  $\frac{1}{7}$  ②  $\frac{4}{9}$  ③  $\frac{2}{5}$  ④  $\frac{1}{3}$  ⑤  $\frac{1}{4}(\frac{5}{4})$

◆整数・小数・分数の計算 (P.131)

## 80 ●×▲÷■

- ①①  $\frac{27}{28}$  ②  $\frac{1}{4}(\frac{5}{4})$  ③  $\frac{1}{4}$  ④  $\frac{1}{5}$  ⑤  $\frac{9}{10}$

81 ◆整数・小数・分数の計算 (P.132)

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

82 ◆整数・小数・分数の計算 (P.133)

- 1 ① 1 ②  $\frac{2}{21}$  ③  $\frac{1}{4}$  ④  $\frac{8}{9}$  ⑤  $\frac{1}{6}$

83 ◆整数・小数・分数の計算 (P.134)

- 1 ①  $\frac{5}{6}$  ②  $\frac{1}{20}$  ③  $1\frac{7}{30}\left(\frac{37}{30}\right)$  ④  $\frac{1}{27}$   
 ⑤  $2\frac{1}{3}\left(\frac{7}{3}\right)$

84 ◆整数・小数・分数の計算 (P.135)

- 1 ①  $\frac{2}{7}$  ②  $\frac{5}{16}$  ③  $1\frac{2}{3}\left(\frac{5}{3}\right)$  ④  $\frac{1}{5}$   
 ⑤  $1\frac{1}{2}\left(\frac{3}{2}\right)$

85 ◆整数・小数・分数の計算 (P.136)

- 1 ①  $1\frac{2}{3}\left(\frac{5}{3}\right)$  ②  $4\frac{1}{2}\left(\frac{9}{2}\right)$  ③  $1\frac{3}{5}\left(\frac{8}{5}\right)$   
 ④  $1\frac{1}{27}\left(\frac{28}{27}\right)$  ⑤  $1\frac{13}{22}\left(\frac{35}{22}\right)$

86 ◆整数・小数・分数の計算 (P.137)

- 1 ①  $\frac{2}{3}$  ②  $\frac{3}{4}$  ③  $\frac{14}{15}$  ④  $\frac{1}{16}$  ⑤  $\frac{5}{9}$

87 ◆整数・小数・分数の計算 (P.138)

- 1 ①  $\frac{19}{21}$  ②  $\frac{5}{24}$  ③  $\frac{20}{21}$  ④  $\frac{14}{15}$  ⑤  $\frac{29}{30}$

88 ◆整数・小数・分数の計算 (P.139)

- 1 ①  $1\frac{7}{30}\left(\frac{37}{30}\right)$  ②  $\frac{5}{6}$  ③  $\frac{13}{14}$  ④  $\frac{11}{30}$   
 ⑤  $1\frac{7}{20}\left(\frac{27}{20}\right)$

89 ◆整数・小数・分数の計算 (P.140)

- 1 ①  $\frac{29}{30}$  ②  $\frac{19}{24}$  ③  $2\frac{1}{6}\left(\frac{13}{6}\right)$   
 ④  $1\frac{5}{21}\left(\frac{26}{21}\right)$  ⑤  $2\frac{4}{7}\left(\frac{18}{7}\right)$

90 ◆整数・小数・分数の計算 (P.141)

- 1 ①  $\frac{1}{7}$  ②  $\frac{10}{21}$  ③  $\frac{4}{5}$  ④  $\frac{1}{3}$  ⑤  $\frac{1}{5}$

91 ◆整数・小数・分数の計算 (P.142・143)

- 1 ①  $\frac{1}{5}$  ②  $\frac{9}{16}$  ③  $\frac{3}{8}$  ④  $\frac{20}{27}$   
 ⑤  $\frac{7}{10}$  ⑥  $\frac{1}{10}$   
 ⑦  $\frac{2}{3}$  ⑧  $\frac{1}{5}$   
 ⑨  $1\frac{1}{2}$  ⑩ 1 ⑪  $\frac{1}{20}$  ⑫  $\frac{2}{5}$  ⑬  $1\frac{1}{6}\left(\frac{7}{6}\right)$   
 ⑭  $\frac{5}{14}$  ⑮  $\frac{1}{24}$  ⑯  $\frac{9}{10}$

92 ◆整数・小数・分数の計算 (P.144・145)

- 1 ①  $\frac{1}{4}$  ②  $\frac{4}{5}$  ③  $2\frac{7}{10}\left(\frac{27}{10}\right)$  ④ 25  
 ⑤ 1 ⑥ 3 ⑦  $\frac{1}{4}$  ⑧  $\frac{3}{4}$  ⑨  $3\frac{1}{3}\left(\frac{10}{3}\right)$   
 ⑩  $1\frac{1}{2}\left(\frac{3}{2}\right)$

3 ①  $1\frac{1}{2}(\frac{3}{2})$  ② 2 ③  $5\frac{5}{9}(\frac{50}{9})$

④  $1\frac{3}{8}(\frac{11}{8})$  ⑤  $\frac{2}{3}$  ⑥  $1\frac{1}{5}(\frac{6}{5})$

4 式  $2.4 \div \frac{1}{3} = \frac{36}{5} = 7\frac{1}{5}$

答え  $7\frac{1}{5}$ 分 ( $\frac{36}{5}$ 分)

(P.146・147)

### 93 6年のまとめ①

1 ①  $2\frac{2}{3}(\frac{8}{3})$  ②  $\frac{2}{9}$  ③  $1\frac{1}{4}(\frac{5}{4})$

④  $3\frac{1}{3}(\frac{10}{3})$  ⑤  $1\frac{5}{7}(\frac{12}{7})$  ⑥  $1\frac{3}{4}(\frac{7}{4})$

2 ①  $\frac{1}{10}$  ②  $1\frac{1}{2}(\frac{3}{2})$  ③  $\frac{1}{6}$  ④  $4\frac{2}{3}(\frac{14}{3})$

⑤  $\frac{3}{8}$  ⑥  $3\frac{1}{3}(\frac{10}{3})$

3 ①  $\frac{2}{15}$  ② 3 ③  $\frac{1}{10}$  ④  $\frac{5}{56}$  ⑤  $\frac{4}{9}$

⑥ 10

4 式  $\frac{3}{8} \times 1\frac{5}{9} = \frac{7}{12}$

答え  $\frac{7}{12}$ kg

(P.148・149)

### 94 6年のまとめ②

1 ①  $3\frac{3}{4}(\frac{15}{4})$  ② 2 ③  $6\frac{1}{3}(\frac{19}{3})$

④  $1\frac{1}{2}(\frac{3}{2})$  ⑤ 2 ⑥  $2\frac{2}{3}(\frac{8}{3})$

2 ①  $\frac{1}{5}$  ②  $2\frac{2}{11}(\frac{24}{11})$  ③  $2\frac{1}{3}(\frac{7}{3})$  ④  $\frac{3}{4}$

⑤ 2 ⑥  $\frac{1}{3}$

3 ①  $\frac{1}{18}$  ②  $\frac{2}{5}$  ③  $2\frac{1}{14}(\frac{29}{14})$

④  $1\frac{1}{30}(\frac{31}{30})$

4 ①  $\frac{2}{15}$  ②  $1\frac{1}{7}(\frac{8}{7})$  ③  $1\frac{2}{33}(\frac{35}{33})$

④  $1\frac{4}{7}(\frac{11}{7})$

5 式  $1\frac{1}{2} \div \frac{6}{7} = 1\frac{3}{4}(\frac{7}{4})$

答え  $1\frac{3}{4}$ m<sup>2</sup> ( $\frac{7}{4}$ m<sup>2</sup>)

(P.150・151)

### 95 6年間のまとめ①

1 ① 1400 ② 8393 ③ 559

④ 3835

2 ① 2688 ② 7220 ③ 7368

④ 26010

3 ① 14 ② 304 ③ 8 ④ 31

4 ①  $1\frac{2}{9}(\frac{11}{9})$  ②  $1\frac{2}{3}(\frac{5}{3})$  ③  $\frac{1}{3}$

④  $\frac{2}{3}$

5 ①  $\frac{7}{20}$  ②  $\frac{2}{3}$  ③  $\frac{5}{6}$  ④  $\frac{1}{2}$

6 式  $2\frac{1}{3} - 2\frac{1}{4} = \frac{1}{12}$

答え  $\frac{1}{12}$ km

(P.152・153)

### 96 6年間のまとめ②

1 ① 13.8 ② 2.27 ③ 0.6 ④ 3.27

2 ① 24.48 ② 30.4 ③ 12.852

④ 0.091

3 ① 2.1 ② 0.5 ③ 34 ④ 0.45

4 ①  $\frac{27}{28}$  ②  $2\frac{1}{3}(\frac{7}{3})$  ③  $2\frac{5}{6}(\frac{17}{6})$

④  $\frac{4}{5}$

5 ① 2 ②  $\frac{5}{21}$  ③ 4 ④  $\frac{2}{3}$

6 式  $37.6 \times 1.5 = 56.4$

答え 56.4kg

### 97 6年間のまとめ③

(P.154・155)

- 1 ①9003 ②3038  
 2 ①10.08 ②3.63  
 3 ①99あまり3 ②46あまり2  
 ③35あまり23 ④15あまり47  
 4 ①7.9 ②3.3  
 5 ① $\frac{5}{12}$  ② $\frac{1}{2}$  ③ $1\frac{7}{12}(\frac{19}{12})$  ④ $\frac{13}{18}$   
 6 ① $\frac{4}{5}$  ② $1\frac{1}{2}(\frac{3}{2})$  ③ $\frac{2}{3}$  ④3  
 7 式  $\frac{7}{8} \times 1\frac{3}{5} = 1\frac{2}{5}(\frac{7}{5})$   
 答え  $1\frac{2}{5}\text{kg}(\frac{7}{5}\text{kg})$

### 98 6年間のまとめ④

(P.156・157)

- 1 ①6120 ②71 ③6498 ④8  
 ⑤41792 ⑥35  
 2 ①10.2 ②1.88 ③6 ④1.06  
 ⑤13.03 ⑥1.2  
 3 ① $1\frac{1}{4}(\frac{5}{4})$  ② $1\frac{7}{15}(\frac{22}{15})$  ③ $\frac{5}{12}$   
 ④ $\frac{19}{60}$   
 4 ① $\frac{3}{20}$  ② $1\frac{1}{7}(\frac{8}{7})$  ③ $\frac{3}{10}$  ④ $\frac{2}{3}$   
 5 式  $1.75 \div 1\frac{5}{9} = 1\frac{1}{8}(\frac{9}{8})$   
 答え  $1\frac{1}{8}\text{倍}(\frac{9}{8}\text{倍})$

### 99 6年間のまとめ⑤

(P.158・159)

- 1 ①4.02 ②0.8 ③0.58 ④9.44  
 2 ①1.232 ②3.42 ③2.4 ④1.05  
 3 ① $4\frac{1}{6}(\frac{25}{6})$  ② $\frac{3}{4}$   
 4 ① $\frac{1}{2}$  ② $1\frac{11}{20}(\frac{31}{20})$  ③ $1\frac{7}{8}(\frac{15}{8})$   
 ④ $\frac{4}{9}$  ⑤ $2\frac{5}{9}(\frac{23}{9})$  ⑥ $1\frac{1}{4}(\frac{5}{4})$   
 ⑦ $\frac{7}{15}$  ⑧ $1\frac{7}{12}(\frac{19}{12})$   
 5 式  $6.5 \div 0.8 = 8\text{あまり}0.1$   
 答え 8ふくろできて、0.1kg残る。

### ひとやすみの答え

P.83

4	+	2	=	6
×	■	×	■	÷
6	-	4	=	2
=	■	=	■	=
24	÷	8	=	3

- =4
- ◇=2
- =6
- △=8
- ☆=3

P.129

4	14	15	1
9	7	6	12
5	11	10	8
16	2	3	13

3	14	15	2
9	8	5	12
6	11	10	7
16	1	4	13