

オリテキ算数文章題 小6

解答

第1章 分数のかけ算

p2

練習1

- ① 式 $800 \times \frac{3}{4} = 600$ 答 600g
 ② 式 $30 \times \frac{7}{15} = 14$ 答 14g
 ③ 式 $200 \times \frac{4}{5} = 160$ 答 160g
 ④ 式 $1200 \times \frac{5}{8} = 750$ 答 750cm²
 ⑤ 式 $350 \times \frac{6}{7} = 300$ 答 300g

p3

練習2

- ① 式 $\frac{5}{6} \times \frac{1}{2} = \frac{5}{12}$ 答 $\frac{5}{12}$ g
 ② 式 $\frac{3}{4} \times \frac{3}{5} = \frac{9}{20}$ 答 $\frac{9}{20}$ kg
 ③ 式 $\frac{2}{3} \times \frac{3}{4} = \frac{1}{2}$ 答 $\frac{1}{2}$ m²
 ④ 式 $\frac{1}{12} \times \frac{2}{3} = \frac{1}{18}$ 答 $\frac{1}{18}$ kg
 ⑤ 式 $\frac{5}{8} \times \frac{2}{5} = \frac{1}{4}$ 答 $\frac{1}{4}$ kg
 ⑥ 式 $3\frac{5}{8} \times 1\frac{3}{5} = \frac{29}{5} = 5\frac{4}{5}$ 答 $5\frac{4}{5}$ kg
 ⑦ 式 $1\frac{2}{3} \times 4\frac{1}{2} = \frac{15}{2} = 7\frac{1}{2}$ 答 $7\frac{1}{2}$ m²
 ⑧ 式 $1\frac{1}{2} \times 2\frac{5}{6} = \frac{17}{4} = 4\frac{1}{4}$ 答 $4\frac{1}{4}$ kg

p4

練習1

- ① 式 $30 \times \frac{1}{6} = 5$ 答 5g
 ② 式 $24 \times \frac{2}{3} = 16$ 答 16m
 ③ 式 $18 \times \frac{2}{9} = 4$ 答 4L
 ④ 式 $40 \times \frac{5}{8} = 25$ 答 25m²
 ⑤ 式 $32 \times \frac{5}{24} = \frac{20}{3} = 6\frac{2}{3}$ 答 $6\frac{2}{3}$ kg
 ⑥ 式 $28 \times \frac{3}{10} = \frac{42}{5} = 8\frac{2}{5}$ 答 $8\frac{2}{5}$ dL
 ⑦ 式 $60 \times \frac{3}{40} = \frac{9}{2} = 4\frac{1}{2}$ 答 $4\frac{1}{2}$ cm²
 ⑧ 式 $120 \times \frac{1}{50} = \frac{12}{5} = 2\frac{2}{5}$ 答 $2\frac{2}{5}$ km

練習2

- ① 式 $\frac{2}{3} \times \frac{2}{5} = \frac{4}{15}$ 答 $\frac{4}{15}$ kg
 ② 式 $\frac{8}{9} \times \frac{3}{4} = \frac{2}{3}$ 答 $\frac{2}{3}$ L
 ③ 式 $\frac{5}{8} \times \frac{3}{10} = \frac{3}{16}$ 答 $\frac{3}{16}$ m²
 ④ 式 $\frac{15}{4} \times \frac{2}{3} = \frac{5}{2} = 2\frac{1}{2}$ 答 $2\frac{1}{2}$ km
 ⑤ 式 $2\frac{2}{3} \times \frac{3}{4} = 2$ 答 2g
 ⑥ 式 $1\frac{4}{5} \times \frac{5}{6} = \frac{3}{2} = 1\frac{1}{2}$ 答 $1\frac{1}{2}$ dL
 ⑦ 式 $3\frac{3}{4} \times \frac{4}{9} = \frac{5}{3} = 1\frac{2}{3}$ 答 $1\frac{2}{3}$ m
 ⑧ 式 $2\frac{1}{2} \times \frac{1}{15} = \frac{1}{6}$ 答 $\frac{1}{6}$ cm²

p5

練習1

- ① 式 $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$ 答 $\frac{1}{4}$ cm²
 ② 式 $\frac{3}{4} \times \frac{3}{4} = \frac{9}{16}$ 答 $\frac{9}{16}$ cm²
 ③ 式 $\frac{3}{8} \times \frac{3}{8} = \frac{9}{64}$ 答 $\frac{9}{64}$ cm²
 ④ 式 $1\frac{1}{3} \times 1\frac{1}{3} = \frac{16}{9} = 1\frac{7}{9}$ 答 $1\frac{7}{9}$ cm²
 ⑤ 式 $2\frac{1}{2} \times 2\frac{1}{2} = \frac{25}{4} = 6\frac{1}{4}$ 答 $6\frac{1}{4}$ m²
 ⑥ 式 $3\frac{2}{5} \times 3\frac{2}{5} = \frac{289}{25} = 11\frac{14}{25}$ 答 $11\frac{14}{25}$ m²
 ⑦ 式 $\frac{2}{3} \times \frac{1}{5} = \frac{2}{15}$ 答 $\frac{2}{15}$ cm²
 ⑧ 式 $\frac{3}{4} \times \frac{5}{6} = \frac{5}{8}$ 答 $\frac{5}{8}$ cm²
 ⑨ 式 $\frac{5}{12} \times 1\frac{1}{5} = \frac{1}{2}$ 答 $\frac{1}{2}$ m²
 ⑩ 式 $2\frac{1}{4} \times 1\frac{1}{3} = 3$ 答 3m²
 ⑪ 式 $3\frac{1}{2} \times \frac{4}{5} = \frac{14}{5} = 2\frac{4}{5}$ 答 $2\frac{4}{5}$ cm²
 ⑫ 式 $2\frac{2}{7} \times 1\frac{7}{8} = \frac{30}{7} = 4\frac{2}{7}$ 答 $4\frac{2}{7}$ cm²

p6

確認問題

①

- ① 式 $200 \times \frac{2}{5} = 80$ 答 80g
 ② 式 $360 \times \frac{5}{12} = 150$ 答 150cm²

③ 式 $75 \times \frac{2}{5} = 30$

答 30g

④ 式 $240 \times \frac{7}{15} = 112$

答 112g

2

① 式 $80 \times 2\frac{1}{4} = 180$

答 180m²

② 式 $900 \times 3\frac{5}{6} = 3450$

答 3450g

③ 式 $6 \times 1\frac{2}{3} = 10$

答 10kg

④ 式 $180 \times 2\frac{7}{12} = 465$

答 465g

p7

3

① 式 $\frac{2}{3} \times \frac{5}{9} = \frac{10}{27}$

答 $\frac{10}{27}$ kg

② 式 $\frac{3}{4} \times \frac{5}{6} = \frac{5}{8}$

答 $\frac{5}{8}$ m²

③ 式 $\frac{3}{10} \times \frac{2}{15} = \frac{1}{25}$

答 $\frac{1}{25}$ kg

④ 式 $\frac{2}{7} \times \frac{7}{8} = \frac{1}{4}$

答 $\frac{1}{4}$ kg

4

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

答 $1\frac{3}{4}$ kg

② 式 $2\frac{3}{4} \times \frac{5}{6} = \frac{55}{24} = 2\frac{7}{24}$

答 $2\frac{7}{24}$ m²

③ 式 $1\frac{1}{4} \times 3\frac{3}{10} = \frac{33}{8} = 4\frac{1}{8}$

答 $4\frac{1}{8}$ kg

④ 式 $3\frac{1}{5} \times 2\frac{1}{7} = \frac{48}{7} = 6\frac{6}{7}$

答 $6\frac{6}{7}$ g

p8

5

① 式 $42 \times \frac{2}{7} = 12$

答 12kg

② 式 $36 \times \frac{3}{4} = 27$

答 27km

③ 式 $24 \times \frac{3}{8} = 9$

答 9dL

④ 式 $45 \times \frac{2}{5} = 18$

答 18cm²

⑤ 式 $50 \times \frac{7}{10} = 35$

答 35g

⑥ 式 $24 \times \frac{5}{12} = 10$

答 10L

⑦ 式 $72 \times \frac{7}{18} = 28$

答 28m²

⑧ 式 $105 \times \frac{1}{15} = 7$

答 7m

6

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

答 $\frac{2}{27}$ g

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

答 $\frac{3}{10}$ dL

③ 式 $\frac{5}{12} \times \frac{3}{10} = \frac{1}{8}$

答 $\frac{1}{8}$ cm²

④ 式 $\frac{10}{9} \times \frac{3}{5} = \frac{2}{3}$

答 $\frac{2}{3}$ m

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

答 $\frac{1}{2}$ kg

⑥ 式 $3\frac{1}{5} \times \frac{15}{28} = \frac{12}{7} = 1\frac{5}{7}$

答 $1\frac{5}{7}$ L

⑦ 式 $4\frac{1}{6} \times \frac{2}{15} = \frac{5}{9}$

答 $\frac{5}{9}$ cm

⑧ 式 $5\frac{2}{5} \times \frac{5}{18} = \frac{3}{2} = 1\frac{1}{2}$

答 $1\frac{1}{2}$ m²

p9

7

① 式 $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$

答 $\frac{1}{16}$ cm²

② 式 $\frac{3}{5} \times \frac{3}{5} = \frac{9}{25}$

答 $\frac{9}{25}$ cm²

③ 式 $1\frac{2}{3} \times 1\frac{2}{3} = \frac{25}{9} = 2\frac{7}{9}$

答 $2\frac{7}{9}$ m²

④ 式 $2\frac{1}{4} \times 2\frac{1}{4} = \frac{81}{16} = 5\frac{1}{16}$

答 $5\frac{1}{16}$ m²

⑤ 式 $\frac{5}{7} \times \frac{3}{4} = \frac{15}{28}$

答 $\frac{15}{28}$ cm²

⑥ 式 $\frac{1}{5} \times \frac{5}{8} = \frac{1}{24}$

答 $\frac{1}{24}$ cm²

⑦ 式 $\frac{9}{16} \times 1\frac{1}{3} = \frac{3}{4}$

答 $\frac{3}{4}$ m²

⑧ 式 $2\frac{2}{3} \times 1\frac{1}{4} = \frac{10}{3} = 3\frac{1}{3}$

答 $3\frac{1}{3}$ m²

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

答 $\frac{4}{5}$ m²

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

答 $3\frac{2}{3}$ m²

⑪ 式 $5\frac{1}{4} \times \frac{2}{7} = \frac{3}{2} = 1\frac{1}{2}$

答 $1\frac{1}{2}$ cm²

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

答 4cm²

⑬ 式 $5\frac{5}{6} \times \frac{9}{10} = \frac{21}{4} = 5\frac{1}{4}$

答 $5\frac{1}{4}$ cm²

⑭ 式 $4\frac{2}{3} \times 1\frac{4}{7} = \frac{22}{3} = 7\frac{1}{3}$

答 $7\frac{1}{3}$ cm²