

빠른 정답 · 첫째 마당

분수의 덧셈과 뺄셈 · 답은 기약분수, 가분수는 대분수가 기준. 짝꿍 연습장 정답이에요(훈련서 정답과 달라요).



01 (진분수)+(진분수)

한 단계씩

① $1\frac{1}{30}$ ② $1\frac{19}{30}$ ③ $1\frac{7}{30}$ ④ $1\frac{1}{4}$ ⑤ $\frac{9}{10}$

⑥ $\frac{31}{42}$ ⑦ $\frac{13}{24}$ ⑧ $\frac{1}{2}$

칸 훈련

① $1\frac{7}{40}$ ② $\frac{11}{12}$ ③ $1\frac{7}{36}$ ④ $1\frac{1}{24}$ ⑤ $\frac{14}{45}$

⑥ $1\frac{5}{8}$ ⑦ $1\frac{1}{12}$ ⑧ $1\frac{5}{12}$ ⑨ $\frac{5}{12}$ ⑩ $1\frac{1}{36}$

스피드

① $1\frac{1}{3}$ ② $\frac{7}{9}$ ③ $\frac{13}{36}$ ④ $1\frac{3}{8}$ ⑤ $1\frac{1}{44}$

⑥ $\frac{11}{20}$ ⑦ $1\frac{4}{9}$ ⑧ $1\frac{13}{36}$ ⑨ $\frac{17}{18}$ ⑩ $1\frac{7}{36}$

⑪ $1\frac{3}{10}$ ⑫ $\frac{11}{12}$ ⑬ $1\frac{17}{30}$ ⑭ $\frac{29}{36}$ ⑮ $\frac{11}{12}$

⑯ $1\frac{5}{36}$ ⑰ $\frac{7}{24}$ ⑱ $\frac{11}{30}$

실수 탐정·생활

① × $1\frac{7}{24}$ ② × $1\frac{7}{40}$ ③ ○ $\frac{19}{24}$ ④ × $\frac{19}{20}$ ⑤ $1\frac{5}{18}$ L

⑥ $1\frac{1}{28}$ 시간



02 (대분수)+(대분수)

한 단계씩

① $4\frac{7}{10}$ ② $6\frac{19}{30}$ ③ $7\frac{17}{30}$ ④ $6\frac{37}{42}$ ⑤ $5\frac{1}{40}$

⑥ $7\frac{19}{30}$ ⑦ $3\frac{7}{10}$ ⑧ $7\frac{3}{8}$

칸 훈련

① $6\frac{7}{24}$ ② $5\frac{1}{9}$ ③ $9\frac{23}{36}$ ④ $4\frac{23}{30}$ ⑤ $4\frac{5}{8}$

⑥ $5\frac{1}{3}$ ⑦ $4\frac{16}{45}$ ⑧ $6\frac{1}{4}$ ⑨ $6\frac{1}{9}$ ⑩ $6\frac{3}{40}$

스피드

① $6\frac{13}{30}$ ② $6\frac{3}{10}$ ③ $8\frac{5}{21}$ ④ $4\frac{1}{12}$ ⑤ $2\frac{23}{24}$

⑥ $4\frac{9}{35}$ ⑦ $3\frac{2}{15}$ ⑧ $3\frac{7}{24}$ ⑨ $6\frac{1}{2}$ ⑩ $8\frac{1}{10}$

⑪ $4\frac{1}{36}$ ⑫ $8\frac{5}{24}$ ⑬ $8\frac{5}{36}$ ⑭ $4\frac{1}{24}$ ⑮ $4\frac{5}{8}$

⑯ $8\frac{1}{4}$ ⑰ $6\frac{1}{42}$ ⑱ $7\frac{1}{2}$

실수 탐정·생활

① × $8\frac{1}{14}$

② × $9\frac{11}{15}$

③ ○ $3\frac{11}{18}$

④ × $5\frac{1}{2}$

⑤ $3\frac{1}{5}$ kg

⑥ $4\frac{19}{24}$ km



03 (진분수)−(진분수)

한 단계씩

① $\frac{11}{21}$ ② $\frac{11}{36}$ ③ $\frac{1}{45}$ ④ $\frac{7}{12}$ ⑤ $\frac{1}{6}$

⑥ $\frac{3}{4}$ ⑦ $\frac{1}{30}$ ⑧ $\frac{1}{15}$



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칸 훈련

① $\frac{13}{30}$ ② $\frac{7}{45}$ ③ $\frac{11}{20}$ ④ $\frac{1}{3}$ ⑤ $\frac{2}{15}$

⑥ $\frac{1}{18}$ ⑦ $\frac{23}{42}$ ⑧ $\frac{7}{12}$ ⑨ $\frac{3}{10}$ ⑩ $\frac{1}{18}$

스피드

① $\frac{19}{33}$ ② $\frac{2}{9}$ ③ $\frac{7}{15}$ ④ $\frac{1}{40}$ ⑤ $\frac{7}{20}$

⑥ $\frac{2}{5}$ ⑦ $\frac{1}{36}$ ⑧ $\frac{1}{12}$ ⑨ $\frac{5}{14}$ ⑩ $\frac{1}{12}$

⑪ $\frac{11}{45}$ ⑫ $\frac{5}{18}$ ⑬ $\frac{3}{8}$ ⑭ $\frac{1}{4}$ ⑮ $\frac{2}{3}$

⑯ $\frac{7}{30}$ ⑰ $\frac{1}{4}$ ⑱ $\frac{5}{12}$

실수 탐정·생활

① × $\frac{1}{4}$ ② ○ $\frac{9}{35}$ ③ × $\frac{1}{4}$ ④ × $\frac{2}{3}$ ⑤ $\frac{1}{30}$ L

⑥ $\frac{1}{10}$ m



04 (대분수)−(대분수)

한 단계씩

① $1\frac{5}{8}$ ② $1\frac{1}{12}$ ③ $1\frac{13}{20}$ ④ $4\frac{1}{30}$ ⑤ $2\frac{7}{12}$

⑥ $2\frac{1}{8}$ ⑦ $4\frac{2}{5}$ ⑧ $3\frac{7}{20}$

칸 훈련

① $3\frac{17}{28}$ ② $1\frac{1}{18}$ ③ $2\frac{1}{24}$ ④ $2\frac{1}{12}$ ⑤ $3\frac{5}{18}$

⑥ $4\frac{5}{14}$ ⑦ $3\frac{1}{8}$ ⑧ $2\frac{11}{30}$ ⑨ $4\frac{1}{20}$ ⑩ $1\frac{1}{24}$

스피드

① $3\frac{1}{24}$ ② $1\frac{31}{45}$ ③ $5\frac{1}{3}$ ④ $2\frac{1}{8}$ ⑤ $5\frac{3}{20}$

⑥ $2\frac{1}{12}$ ⑦ $3\frac{1}{20}$ ⑧ $4\frac{1}{24}$ ⑨ $1\frac{1}{8}$ ⑩ $2\frac{2}{21}$

⑪ $3\frac{4}{9}$ ⑫ $2\frac{5}{36}$ ⑬ $3\frac{3}{14}$ ⑭ $3\frac{1}{12}$ ⑮ $3\frac{11}{45}$

⑯ $1\frac{1}{4}$ ⑰ $3\frac{13}{35}$ ⑱ $2\frac{9}{40}$

실수 탐정·생활

① ○ $2\frac{3}{14}$ ② × $2\frac{11}{15}$ ③ × $2\frac{7}{40}$ ④ × $1\frac{5}{24}$ ⑤ $1\frac{7}{15}$ L

⑥ $1\frac{3}{20}$ km



05 받아내림이 있는 대분수 뺄셈

한 단계씩

① $2\frac{19}{21}$ ② $1\frac{17}{21}$ ③ $7\frac{8}{9}$ ④ $2\frac{8}{9}$ ⑤ $5\frac{1}{2}$

⑥ $1\frac{11}{30}$ ⑦ $1\frac{41}{45}$ ⑧ $3\frac{9}{10}$

칸 훈련

① $2\frac{5}{7}$ ② $2\frac{7}{10}$ ③ $7\frac{1}{2}$ ④ $1\frac{1}{5}$ ⑤ $1\frac{31}{40}$

⑥ $\frac{17}{18}$ ⑦ $3\frac{17}{20}$ ⑧ $3\frac{3}{10}$ ⑨ $3\frac{7}{12}$ ⑩ $1\frac{29}{40}$

스피드

① $4\frac{31}{40}$ ② $2\frac{7}{12}$ ③ $\frac{23}{30}$ ④ $3\frac{19}{24}$ ⑤ $7\frac{2}{3}$

⑥ $1\frac{13}{20}$ ⑦ $5\frac{1}{2}$ ⑧ $\frac{7}{8}$ ⑨ $1\frac{5}{8}$ ⑩ $4\frac{1}{8}$

⑪ $4\frac{5}{12}$ ⑫ $\frac{39}{40}$ ⑬ $2\frac{11}{12}$ ⑭ $1\frac{19}{42}$ ⑮ $4\frac{7}{8}$

⑯ $5\frac{4}{9}$ ⑰ $\frac{29}{30}$ ⑱ $4\frac{13}{15}$

실수 탐정·생활

① ○ $1\frac{4}{9}$



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실수 탐정·생활 (이어서)

② × $2\frac{8}{9}$

③ × $\frac{9}{10}$

④ × $1\frac{17}{30}$

⑤ $1\frac{23}{28}$ kg

⑥ $3\frac{13}{18}$ 시간



06 첫째 마당 마무리

마당 평가

① $7\frac{1}{5}$ ② $\frac{1}{18}$ ③ $4\frac{1}{9}$ ④ $\frac{23}{24}$ ⑤ $\frac{23}{30}$

⑥ $2\frac{11}{20}$ ⑦ $\frac{11}{24}$ ⑧ $1\frac{2}{9}$ ⑨ $7\frac{11}{30}$ ⑩ $\frac{2}{15}$

⑪ $2\frac{11}{30}$ ⑫ $1\frac{4}{9}$ ⑬ $3\frac{1}{6}$ ⑭ $1\frac{2}{3}$ ⑮ $1\frac{31}{42}$

암호 풀기

① $1\frac{5}{36}$ → 통

② $9\frac{11}{45}$ → 분

③ $\frac{11}{21}$ → 먼

④ $3\frac{1}{4}$ → 저

⑤ $2\frac{8}{9}$ → 분

⑥ $1\frac{3}{35}$ → 자

⑦ $8\frac{8}{15}$ → 끼

⑧ $\frac{3}{10}$ → 리

⑨ 암호: 통분먼저분자끼리

계산 연습장

틀린 문제를 여기에서 다시 풀어 보세요.



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07 (분수)×(자연수)

한 단계씩

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

⑥ $8\frac{1}{3}$ ⑦ 8 ⑧ $1\frac{4}{7}$

칸 훈련

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

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

스피드

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

⑥ 3 ⑦ 3 ⑧ 11 ⑨ $2\frac{1}{2}$ ⑩ $4\frac{2}{3}$

⑪ $1\frac{1}{2}$ ⑫ $6\frac{2}{3}$ ⑬ 1 ⑭ 3 ⑮ $\frac{4}{5}$

⑯ $5\frac{1}{7}$ ⑰ $\frac{1}{6}$ ⑱ 2

실수 탐정·생활

① × $\frac{4}{7}$ ② ○ 2 ③ × $\frac{1}{3}$ ④ × $1\frac{2}{3}$ ⑤ $1\frac{1}{4}$ L

⑥ 4 시간



08 (자연수)×(분수)

한 단계씩

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

⑥ $1\frac{1}{5}$ ⑦ $\frac{4}{7}$ ⑧ $7\frac{1}{3}$

칸 훈련

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

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

스피드

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

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

⑪ 7 ⑫ 2 ⑬ $5\frac{1}{4}$ ⑭ 5 ⑮ $6\frac{3}{7}$

⑯ $1\frac{1}{3}$ ⑰ $\frac{1}{3}$ ⑱ $1\frac{4}{5}$

실수 탐정·생활

① × $5\frac{4}{7}$ ② × $7\frac{1}{2}$ ③ × $5\frac{1}{3}$ ④ ○ $3\frac{4}{7}$ ⑤ 4 판

⑥ $1\frac{2}{5}$ m



09 (진분수)×(진분수)는 대각선 약분

한 단계씩

① $\frac{1}{9}$ ② $\frac{1}{4}$ ③ $\frac{1}{11}$ ④ $\frac{2}{3}$ ⑤ $\frac{7}{12}$

⑥ $\frac{1}{6}$ ⑦ $\frac{2}{7}$ ⑧ $\frac{5}{18}$

칸 훈련

① $\frac{3}{10}$ ② $\frac{1}{15}$ ③ $\frac{9}{22}$ ④ $\frac{1}{15}$ ⑤ $\frac{1}{25}$

⑥ $\frac{1}{3}$ ⑦ $\frac{3}{14}$ ⑧ $\frac{5}{12}$ ⑨ $\frac{5}{12}$ ⑩ $\frac{3}{5}$

스피드

① $\frac{3}{11}$ ② $\frac{2}{11}$ ③ $\frac{7}{25}$ ④ $\frac{1}{9}$ ⑤ $\frac{35}{44}$

⑥ $\frac{1}{9}$ ⑦ $\frac{1}{11}$ ⑧ $\frac{1}{4}$ ⑨ $\frac{5}{16}$ ⑩ $\frac{8}{11}$

⑪ $\frac{1}{6}$ ⑫ $\frac{1}{11}$ ⑬ $\frac{1}{6}$ ⑭ $\frac{1}{10}$ ⑮ $\frac{14}{33}$

⑯ $\frac{4}{5}$ ⑰ $\frac{1}{6}$ ⑱ $\frac{5}{36}$

실수 탐정·생활

① × $\frac{11}{14}$ ② × $\frac{5}{54}$ ③ ○ $\frac{1}{5}$ ④ $\frac{10}{21}$ ⑤ $\frac{5}{8}$ L



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10 대분수의 곱셈은 가분수로

한 단계씩

① 8 ② 21 ③ $\frac{3}{7}$ ④ $\frac{25}{36}$ ⑤ $\frac{4}{5}$

⑥ 5 ⑦ $3\frac{2}{3}$ ⑧ $2\frac{4}{5}$

칸 훈련

① $6\frac{3}{16}$ ② $1\frac{17}{18}$ ③ $5\frac{2}{3}$ ④ $3\frac{1}{2}$ ⑤ $\frac{8}{11}$

⑥ $5\frac{1}{2}$ ⑦ 20 ⑧ $3\frac{9}{22}$ ⑨ 28 ⑩ 1

스피드

① $10\frac{2}{9}$ ② $5\frac{5}{7}$ ③ $1\frac{5}{6}$ ④ $11\frac{1}{4}$ ⑤ $9\frac{1}{2}$

⑥ $4\frac{1}{2}$ ⑦ $2\frac{4}{21}$ ⑧ $7\frac{1}{5}$ ⑨ $\frac{13}{14}$ ⑩ $8\frac{11}{18}$

⑪ 14 ⑫ $1\frac{1}{12}$ ⑬ $2\frac{2}{3}$ ⑭ $7\frac{11}{12}$ ⑮ $1\frac{2}{3}$

⑯ $\frac{19}{21}$ ⑰ $3\frac{2}{21}$ ⑱ $18\frac{1}{3}$

실수 탐정·생활

① × $11\frac{1}{2}$ ② × $1\frac{10}{11}$ ③ × $13\frac{1}{2}$ ④ ○ $14\frac{2}{3}$ ⑤ $22\frac{2}{3}$ km

⑥ $2\frac{1}{6}$ m^2



11 세 분수의 곱셈

한 단계씩

① $\frac{17}{54}$ ② $\frac{1}{35}$ ③ $\frac{1}{12}$ ④ $\frac{1}{14}$ ⑤ $\frac{1}{4}$

⑥ $\frac{3}{8}$ ⑦ $1\frac{4}{5}$ ⑧ $\frac{4}{5}$

칸 훈련

① $\frac{9}{28}$ ② $\frac{21}{32}$ ③ $\frac{2}{3}$ ④ $\frac{1}{12}$ ⑤ $\frac{2}{27}$

⑥ $\frac{13}{28}$ ⑦ $\frac{1}{9}$ ⑧ $\frac{2}{27}$ ⑨ $\frac{3}{4}$ ⑩ $\frac{1}{2}$

스피드

① $\frac{3}{25}$ ② $\frac{1}{10}$ ③ $\frac{1}{12}$ ④ $\frac{5}{9}$ ⑤ $\frac{5}{18}$

⑥ $\frac{2}{15}$ ⑦ $\frac{3}{10}$ ⑧ $\frac{1}{2}$ ⑨ $\frac{3}{8}$ ⑩ $\frac{1}{21}$

⑪ $\frac{1}{6}$ ⑫ $\frac{22}{27}$ ⑬ $\frac{3}{20}$ ⑭ $\frac{5}{7}$ ⑮ $\frac{11}{21}$

⑯ $\frac{1}{9}$ ⑰ $\frac{1}{8}$ ⑱ $\frac{7}{9}$

실수 탐정·생활

① × $\frac{4}{9}$ ② ○ $\frac{17}{20}$ ③ × $\frac{1}{16}$ ④ × $1\frac{7}{15}$ ⑤ $\frac{1}{4}$ kg

⑥ $\frac{5}{7}$ m^3



12 둘째 마당 마무리

마당 평가

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

⑥ $\frac{5}{12}$ ⑦ $2\frac{2}{3}$ ⑧ $5\frac{1}{2}$ ⑨ $\frac{1}{2}$ ⑩ 1

⑪ $1\frac{1}{27}$ ⑫ $\frac{1}{60}$ ⑬ $8\frac{4}{7}$ ⑭ $1\frac{5}{7}$ ⑮ $2\frac{1}{4}$

암호 풀기

① $9\frac{3}{7}$ → 약

② $7\frac{1}{5}$ → 분

③ $\frac{1}{33}$ → 먼

④ $12\frac{1}{2}$ → 저

⑤ $\frac{1}{45}$ → 곱

⑥ 6 → 셈

⑦ 2 → 나

⑧ $\frac{1}{22}$ → 중

⑨ 암호: 약분먼저곱셈나중



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13 (자연수)÷(자연수)를 분수로

한 단계씩

① $\frac{4}{13}$ ② $3\frac{1}{7}$ ③ $\frac{6}{13}$ ④ $4\frac{2}{3}$ ⑤ $3\frac{1}{3}$

⑥ $1\frac{1}{7}$ ⑦ $4\frac{1}{4}$ ⑧ $\frac{2}{15}$

칸 훈련

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

⑥ $\frac{1}{7}$ ⑦ $2\frac{1}{3}$ ⑧ $1\frac{2}{3}$ ⑨ $\frac{2}{13}$ ⑩ $\frac{5}{13}$

스피드

① $\frac{7}{12}$ ② $\frac{4}{11}$ ③ $1\frac{4}{7}$ ④ $\frac{3}{4}$ ⑤ $5\frac{1}{3}$

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

⑪ $3\frac{6}{7}$ ⑫ $\frac{1}{2}$ ⑬ $\frac{1}{3}$ ⑭ $\frac{9}{10}$ ⑮ $2\frac{1}{6}$

⑯ $2\frac{7}{10}$ ⑰ $\frac{3}{7}$ ⑱ $8\frac{2}{3}$

실수 탐정·생활

① ○ $1\frac{10}{11}$ ② × $2\frac{1}{2}$ ③ × $1\frac{1}{2}$ ④ × $\frac{1}{5}$ ⑤ $1\frac{3}{14}$ 판

⑥ $1\frac{1}{8}$ m



14 분자를 자연수로 나누기

한 단계씩

① $\frac{5}{13}$ ② $\frac{3}{17}$ ③ $\frac{1}{17}$ ④ $\frac{1}{14}$ ⑤ $\frac{1}{17}$

⑥ $\frac{3}{17}$ ⑦ $\frac{4}{17}$ ⑧ $\frac{1}{10}$

칸 훈련

① $\frac{2}{11}$ ② $\frac{4}{19}$ ③ $\frac{2}{19}$ ④ $\frac{1}{15}$ ⑤ $\frac{1}{19}$

⑥ $\frac{3}{14}$ ⑦ $\frac{2}{17}$ ⑧ $\frac{8}{17}$ ⑨ $\frac{1}{5}$ ⑩ $\frac{3}{10}$

스피드

① $\frac{1}{14}$ ② $\frac{5}{19}$ ③ $\frac{2}{11}$ ④ $\frac{6}{19}$ ⑤ $\frac{1}{7}$

⑥ $\frac{4}{15}$ ⑦ $\frac{5}{17}$ ⑧ $\frac{1}{7}$ ⑨ $\frac{2}{5}$ ⑩ $\frac{1}{7}$

⑪ $\frac{1}{11}$ ⑫ $\frac{1}{13}$ ⑬ $\frac{1}{13}$ ⑭ $\frac{2}{7}$ ⑮ $\frac{2}{19}$

⑯ $\frac{5}{17}$ ⑰ $\frac{4}{17}$ ⑱ $\frac{1}{17}$

실수 탐정·생활

① × $\frac{2}{19}$ ② × $\frac{1}{9}$ ③ ○ $\frac{1}{11}$ ④ $\frac{1}{11}$ L ⑤ $\frac{4}{9}$ kg



15 ÷(자연수)를 ×1/(자연수)로

한 단계씩

① $\frac{1}{22}$ ② $\frac{1}{45}$ ③ $\frac{1}{45}$ ④ $\frac{1}{24}$ ⑤ $\frac{1}{28}$

⑥ $\frac{4}{55}$ ⑦ $\frac{3}{40}$ ⑧ $\frac{2}{25}$

칸 훈련

① $\frac{2}{55}$ ② $\frac{2}{45}$ ③ $\frac{2}{15}$ ④ $\frac{1}{18}$ ⑤ $\frac{3}{28}$

⑥ $\frac{1}{35}$ ⑦ $\frac{1}{27}$ ⑧ $\frac{4}{33}$ ⑨ $\frac{4}{45}$ ⑩ $\frac{1}{14}$



빠른 정답 · 셋째 마당

(분수)÷(자연수) · 답은 기약분수, 가분수는 대분수가 기준. 짝꿍 연습장 정답이에요(훈련서 정답과 달라요).

스피드

① $\frac{1}{33}$ ② $\frac{2}{21}$ ③ $\frac{4}{39}$ ④ $\frac{1}{30}$ ⑤ $\frac{1}{26}$

⑥ $\frac{1}{20}$ ⑦ $\frac{5}{44}$ ⑧ $\frac{1}{26}$ ⑨ $\frac{1}{39}$ ⑩ $\frac{5}{52}$

⑪ $\frac{3}{44}$ ⑫ $\frac{3}{26}$ ⑬ $\frac{7}{30}$ ⑭ $\frac{1}{45}$ ⑮ $\frac{1}{54}$

⑯ $\frac{2}{33}$ ⑰ $\frac{1}{26}$ ⑱ $\frac{1}{26}$

실수 탐정·생활

① × $\frac{1}{10}$ ② × $\frac{1}{9}$ ③ × $\frac{2}{39}$ ④ ○ $\frac{1}{55}$ ⑤ $\frac{3}{35}$ L

⑥ $\frac{1}{10}$ m^2



16 (대분수)÷(자연수)

한 단계씩

① $\frac{3}{10}$ ② $\frac{5}{12}$ ③ $\frac{13}{36}$ ④ $\frac{3}{8}$ ⑤ $\frac{1}{4}$

⑥ $1\frac{1}{18}$ ⑦ $\frac{4}{7}$ ⑧ $1\frac{1}{7}$

칸 훈련

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

⑥ $\frac{7}{9}$ ⑦ $1\frac{3}{7}$ ⑧ $\frac{13}{21}$ ⑨ $\frac{5}{16}$ ⑩ $\frac{2}{7}$

스피드

① $\frac{17}{18}$ ② $\frac{9}{28}$ ③ $\frac{1}{3}$ ④ $\frac{2}{9}$ ⑤ $\frac{1}{3}$

⑥ $\frac{14}{27}$ ⑦ $1\frac{4}{9}$ ⑧ $2\frac{1}{3}$ ⑨ $\frac{3}{7}$ ⑩ $\frac{7}{27}$

⑪ $\frac{11}{14}$ ⑫ $\frac{1}{6}$ ⑬ $\frac{4}{5}$ ⑭ $\frac{7}{12}$ ⑮ $\frac{2}{3}$

⑯ $\frac{5}{9}$ ⑰ $\frac{2}{3}$ ⑱ $1\frac{1}{9}$

실수 탐정·생활

① × $1\frac{1}{10}$ ② × $\frac{5}{28}$ ③ × $\frac{3}{14}$ ④ ○ $\frac{4}{5}$ ⑤ $\frac{3}{10}$ m

⑥ $\frac{4}{15}$ L



17 셋째 마당 마무리

마당 평가

① $\frac{2}{19}$ ② $\frac{1}{5}$ ③ $\frac{3}{13}$ ④ $1\frac{1}{3}$ ⑤ $\frac{4}{5}$

⑥ $\frac{5}{9}$ ⑦ $\frac{5}{33}$ ⑧ $\frac{1}{13}$ ⑨ $\frac{7}{15}$ ⑩ $\frac{2}{39}$

⑪ $2\frac{5}{11}$ ⑫ $\frac{3}{28}$

암호 풀기

① $1\frac{5}{7}$ → 나

② $\frac{2}{15}$ → 늣

③ $\frac{3}{55}$ → 셈

④ $\frac{9}{16}$ → 도

⑤ $3\frac{4}{5}$ → 곱

⑥ $\frac{1}{18}$ → 셈

⑦ $\frac{1}{39}$ → 처

⑧ $1\frac{2}{7}$ → 럼

⑨ 암호: 나늣셈도곱셈처럼



빠른 정답 · 넷째 마당

(분수)÷(분수) · 답은 기약분수, 가분수는 대분수가 기준. 짝꿍 연습장 정답이에요(훈련서 정답과 달라요).



18 분모가 같은 분수의 나눗셈

한 단계씩

① $\frac{4}{5}$ ② $1\frac{1}{5}$ ③ $1\frac{2}{5}$ ④ 11 ⑤ $\frac{1}{2}$

⑥ $1\frac{1}{9}$ ⑦ $\frac{1}{13}$ ⑧ $2\frac{1}{3}$

칸 훈련

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

⑥ $\frac{8}{11}$ ⑦ $\frac{3}{4}$ ⑧ $\frac{1}{7}$ ⑨ 3 ⑩ $3\frac{1}{2}$

스피드

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

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

⑪ 7 ⑫ 2 ⑬ $\frac{3}{4}$ ⑭ $\frac{1}{2}$ ⑮ 3

⑯ $1\frac{1}{13}$ ⑰ $\frac{2}{3}$ ⑱ $\frac{7}{11}$

실수 탐정·생활

① ○ $\frac{1}{5}$ ② × $2\frac{1}{5}$ ③ × $\frac{1}{3}$ ④ × $\frac{1}{4}$ ⑤ $1\frac{3}{4}$ 컵

⑥ $\frac{2}{7}$ 도막



19 분모가 다르면 뒤집어서 곱하기

한 단계씩

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

⑥ $\frac{2}{15}$ ⑦ $\frac{4}{5}$ ⑧ 3

칸 훈련

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

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

스피드

① $1\frac{1}{3}$ ② $\frac{4}{25}$ ③ $3\frac{3}{4}$ ④ $\frac{3}{14}$ ⑤ $\frac{1}{3}$

⑥ $3\frac{1}{2}$ ⑦ $\frac{4}{21}$ ⑧ $2\frac{1}{3}$ ⑨ $\frac{11}{12}$ ⑩ 3

⑪ $\frac{4}{15}$ ⑫ $\frac{2}{5}$ ⑬ $1\frac{1}{6}$ ⑭ $\frac{4}{9}$ ⑮ $\frac{3}{4}$

⑯ $\frac{3}{5}$ ⑰ $\frac{1}{4}$ ⑱ $1\frac{1}{14}$

실수 탐정·생활

① × $1\frac{3}{5}$ ② × $2\frac{1}{3}$ ③ × $\frac{21}{22}$ ④ ○ $1\frac{1}{4}$ ⑤ $\frac{3}{11}$ m^2

⑥ $1\frac{1}{7}$ m



20 (자연수)÷(분수)

한 단계씩

① 12 ② 20 ③ 8 ④ $15\frac{3}{4}$ ⑤ 7

⑥ $4\frac{1}{2}$ ⑦ 9 ⑧ 18

칸 훈련

① 10 ② 30 ③ $13\frac{1}{2}$ ④ 25 ⑤ 35

⑥ 4 ⑦ 22 ⑧ $5\frac{1}{2}$ ⑨ 24 ⑩ 15



빠른 정답 · 넷째 마당

(분수)÷(분수) · 답은 기약분수, 가분수는 대분수가 기준. 짝꿍 연습장 정답이에요(훈련서 정답과 달라요).

스피드

① 21 ② 7 ③ $17\frac{1}{2}$ ④ $10\frac{1}{2}$ ⑤ 12

⑥ $5\frac{1}{2}$ ⑦ 22 ⑧ 33 ⑨ 9 ⑩ 7

⑪ $2\frac{3}{4}$ ⑫ $7\frac{1}{3}$ ⑬ $3\frac{1}{3}$ ⑭ 40 ⑮ 40

⑯ 22 ⑰ 18 ⑱ 5

실수 탐정·생활

① ○ $14\frac{2}{3}$ ② × $5\frac{1}{2}$ ③ × 14 ④ × $16\frac{1}{3}$ ⑤ $11\frac{1}{4}$ 병

⑥ $4\frac{2}{3}$ 봉지



21 대분수의 나눗셈

한 단계씩

① $1\frac{2}{9}$ ② $\frac{5}{18}$ ③ $\frac{1}{13}$ ④ $\frac{1}{30}$ ⑤ $4\frac{2}{9}$

⑥ $2\frac{3}{8}$ ⑦ $1\frac{6}{7}$ ⑧ $1\frac{1}{3}$

칸 훈련

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

⑥ $\frac{8}{33}$ ⑦ $\frac{2}{3}$ ⑧ $\frac{7}{18}$ ⑨ 1 ⑩ $1\frac{3}{11}$

스피드

① $\frac{13}{15}$ ② $\frac{3}{7}$ ③ $\frac{13}{25}$ ④ 4 ⑤ 2

⑥ $2\frac{1}{4}$ ⑦ 6 ⑧ $\frac{8}{39}$ ⑨ $1\frac{2}{7}$ ⑩ $\frac{1}{2}$

⑪ $\frac{1}{30}$ ⑫ $5\frac{1}{3}$ ⑬ $\frac{2}{17}$ ⑭ $2\frac{1}{3}$ ⑮ $\frac{14}{45}$

⑯ $\frac{2}{45}$ ⑰ $\frac{5}{6}$ ⑱ $1\frac{2}{5}$

실수 탐정·생활

① × $\frac{1}{5}$ ② ○ $8\frac{2}{3}$ ③ × $4\frac{2}{3}$ ④ × $1\frac{1}{2}$ ⑤ $\frac{16}{21}$ m

⑥ $\frac{15}{22}$ km



22 곱셈과 나눗셈이 섞인 식

한 단계씩

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

⑥ $1\frac{1}{9}$ ⑦ $\frac{7}{9}$ ⑧ $\frac{1}{20}$

칸 훈련

① $\frac{5}{16}$ ② $1\frac{19}{32}$ ③ $\frac{20}{21}$ ④ $\frac{10}{33}$ ⑤ $\frac{2}{35}$

⑥ $\frac{4}{9}$ ⑦ $\frac{5}{27}$ ⑧ $2\frac{11}{12}$ ⑨ $2\frac{2}{9}$ ⑩ $1\frac{1}{5}$

스피드

① $\frac{3}{4}$ ② $2\frac{1}{4}$ ③ 2 ④ $\frac{7}{25}$ ⑤ $\frac{5}{6}$

⑥ $2\frac{16}{27}$ ⑦ $\frac{3}{13}$ ⑧ $1\frac{1}{2}$ ⑨ $\frac{27}{50}$ ⑩ $\frac{1}{4}$

⑪ 3 ⑫ $\frac{5}{52}$ ⑬ 1 ⑭ $12\frac{3}{5}$ ⑮ $\frac{1}{9}$

⑯ $2\frac{1}{7}$ ⑰ $3\frac{1}{5}$ ⑱ $2\frac{1}{5}$

실수 탐정·생활

① × $\frac{20}{21}$ ② ○ $1\frac{1}{2}$ ③ × $8\frac{1}{4}$ ④ × $\frac{5}{7}$ ⑤ $1\frac{2}{5}$ m

⑥ $2\frac{3}{4}$ 시간



빠른 정답 · 넷째 마당

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23 넷째 마당 마무리

마당 평가

① $1\frac{23}{32}$ ② 35 ③ $10\frac{1}{2}$ ④ $\frac{5}{6}$ ⑤ $\frac{8}{11}$

⑥ 1 ⑦ $\frac{7}{8}$ ⑧ 35 ⑨ $\frac{6}{7}$ ⑩ $\frac{1}{21}$

⑪ $\frac{24}{25}$ ⑫ $\frac{5}{7}$ ⑬ $2\frac{1}{5}$ ⑭ $\frac{1}{3}$ ⑮ 35

암호 풀기

① $\frac{2}{5}$ → 연

② $1\frac{1}{21}$ → 산

③ $6\frac{2}{3}$ → 훈

④ $\frac{27}{52}$ → 련

⑤ 3 → 졸

⑥ 4 → 업

⑦ $\frac{9}{25}$ → 축

⑧ 10 → 하

⑨ 암호: 연산훈련졸업축하

계산 연습장

틀린 문제를 여기에서 다시 풀어 보세요.