

발간등록번호
인천교육-2025-0410



기초가 튼튼해지는

도닥도닥 수학

분수3

분모가 같은 분수의 덧셈과 뺄셈

분모가 같은 분수의 덧셈과
뺄셈 방법을 이해하고 계산할 수 있어요.





기초가 튼튼해지는

도다도다
수학

분수3

분모가 같은 분수의 덧셈과 뺄셈

분모가 같은 분수의 덧셈과
뺄셈 방법을 이해하고 계산할 수 있어요.



책을 펴내며

수학을 어려워하는 학생과 수학에 자신 있는 학생

교실에서 수학을 어려워하거나 흥미가 없는 학생은 뚜렷한 특징이 있습니다. 수학의 여러 영역 중 특히 수의 개념을 이해하지 못하거나, 연산 과정에서 실수가 잦고, 유창하게 문제를 해결하지 못한다는 점입니다. 반면 수학에 자신이 있는 학생은 복잡한 계산도 금세 해결하고 매우 정확하게 문제를 해결하며, 어려운 문제에도 도전하려는 태도를 보입니다.

모든 학생들이 수학에 자신감을 갖길 바라며

초등학교에서 경험하는 수학 공부는 이후 학생들의 수학 학습의 성취와 태도에 큰 영향을 줍니다. 따라서 우리는 기초를 튼튼하게 익힐 수 있도록 도와주어야 합니다. 이러한 선생님들의 고민과 자발적 연구를 통해 ‘토닥토닥 수학’을 만들었습니다.

‘토닥토닥 수학’은 수학에서 기본이 되는 수감각을 토대로 수와 연산 영역을 보다 의미 있게 공부할 수 있게 도와주는 교재입니다.



이렇게 활용하세요

본 교재는 한 차시를 4쪽으로 편성하고, 문제에 따라 차이는 있지만 보통 10~15분 안에 해결할 수 있도록 구성하였습니다. 그러므로 수학 교육과정을 운영하는 데 있어 보조교재로 활용할 수 있을 것입니다. 학급의 여건에 따라 수학 시간, 아침 활동 시간, 방과 후 과제, 온라인 학습 등에 쓰일 수 있습니다. 또한 이전 학습에 어려움을 겪는 학생을 위한 보충 교재로도 사용할 수 있습니다.

교실에 있는 모든 학생들이 선생님과 함께 수학의 기초를 ‘토닥토닥’ 잘 쌓아가서 수학에 자신감을 갖게 되길 바랍니다.

이 책의 특징

1

기초 연산을 튼튼하게

이전 학습 내용을 꾸준히 다지며 새로운 학습을 쉽게 배울 수 있습니다.

2

수 감각으로 배우는 연산의 원리

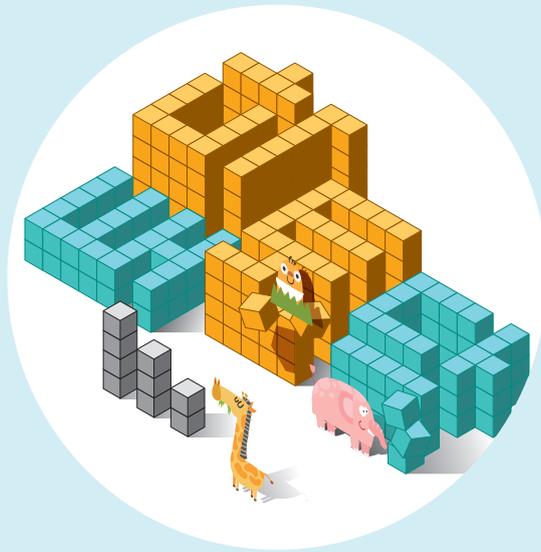
구체물을 통해 눈으로 수 개념을 확인하며 연산의 원리를 배울 수 있습니다.



중요한 개념을
쉽게 이해해 보자!

순서	내용	쪽수
① 회	준비하기	1쪽
② 회	진분수의 덧셈 (1)	5쪽
③ 회	진분수의 덧셈 (2)	9쪽
④ 회	진분수의 뺄셈	13쪽
⑤ 회	대분수의 덧셈 (1)	17쪽
⑥ 회	대분수의 덧셈 (2)	21쪽
⑦ 회	자연수와 진분수의 뺄셈	25쪽
⑧ 회	대분수의 뺄셈 (1) (분수 부분끼리 뺄 수 있는 경우)	29쪽
⑨ 회	자연수와 대분수의 뺄셈	33쪽
⑩ 회	대분수의 뺄셈 (2) (분수 부분끼리 뺄 수 없는 경우)	37쪽
정답		42쪽

매일매일 학습하는 습관은 중요합니다. 계획을 세우고 꾸준히 실천해 보세요.





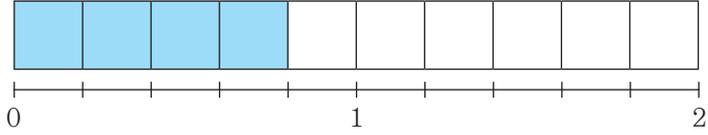
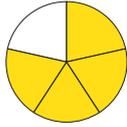
1회

준비하기

몸풀기



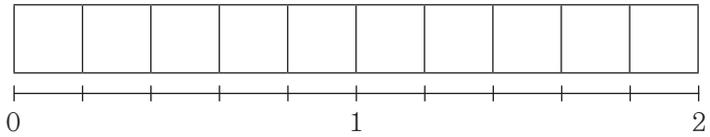
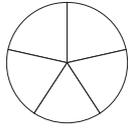
$$\frac{4}{5}$$



1 분수만큼 원과 막대에 색칠해 보세요.

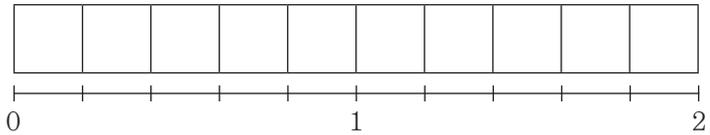
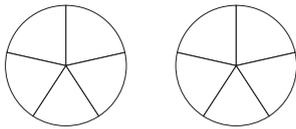
①

$$\frac{5}{5}$$



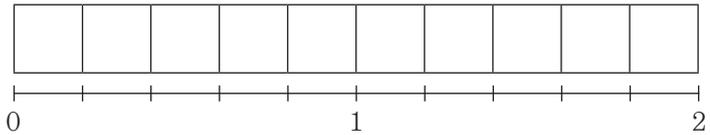
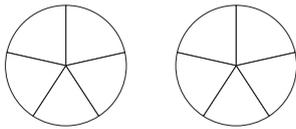
②

$$\frac{8}{5}$$

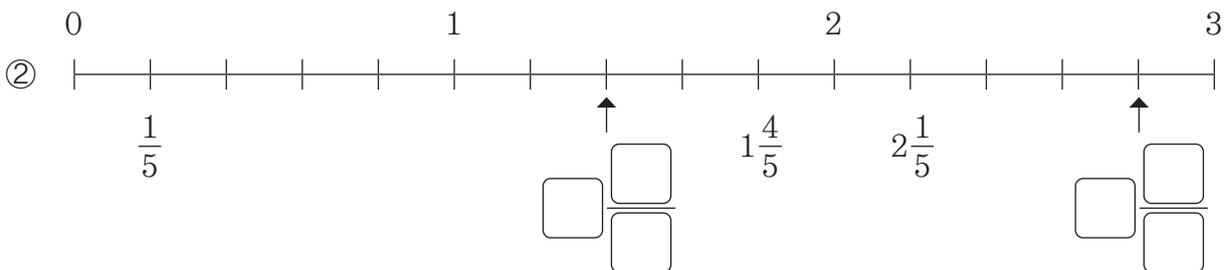
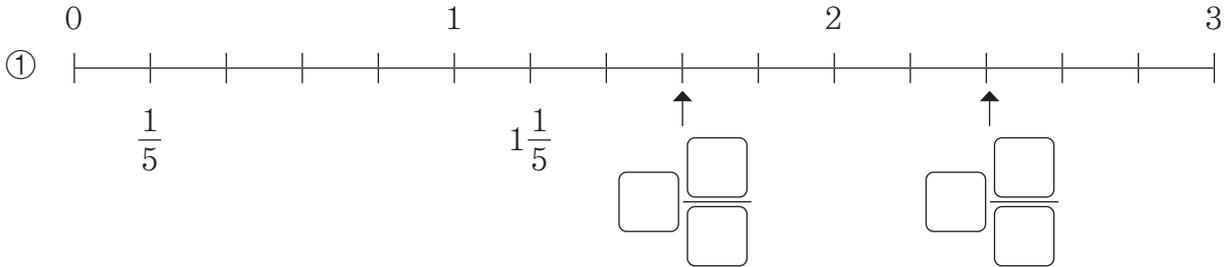


③

$$\frac{9}{5}$$

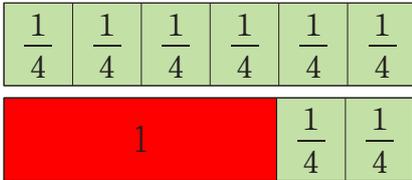


2 빈칸에 알맞은 수를 써 보세요.

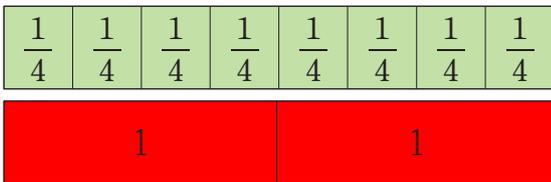




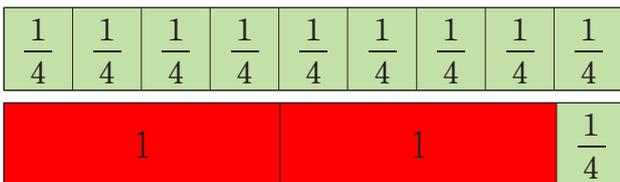
3 분수막대를 보고 빈 칸에 알맞은 분수를 써 보세요.



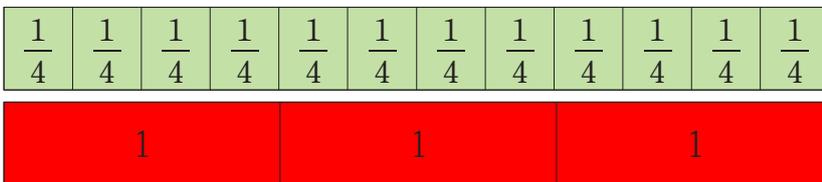
$$\frac{6}{4} = 4 \frac{\square}{4}$$



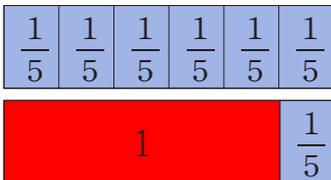
$$\square = \square$$



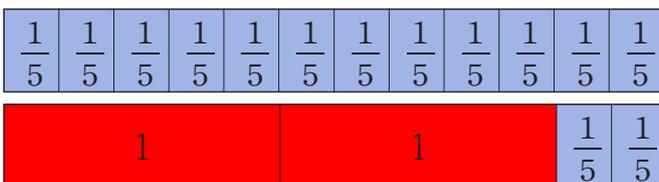
$$\square = \square$$



$$\square = \square$$



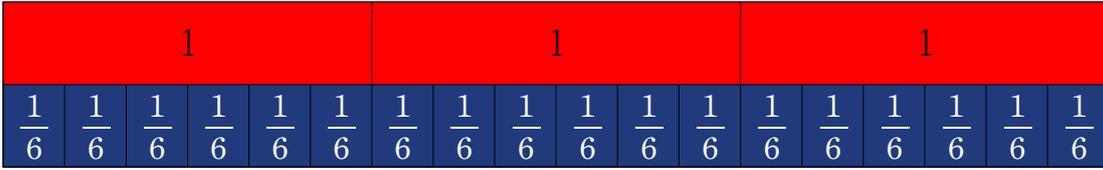
$$\frac{6}{5} = 1 \frac{\square}{5}$$



$$\square = \square$$



4 분수막대를 보고 빈칸에 알맞은 분수를 써 보세요.



① $\frac{7}{6} = 1 \frac{\boxed{1}}{\boxed{6}}$

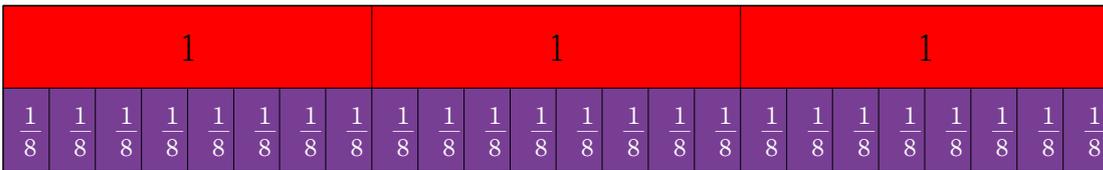
$\frac{11}{6} = \boxed{} \frac{\boxed{}}{\boxed{}}$

$\frac{15}{6} = \boxed{} \frac{\boxed{}}{\boxed{}}$

$1\frac{2}{6} = \frac{\boxed{8}}{\boxed{6}}$

$1\frac{3}{6} = \frac{\boxed{}}{\boxed{}}$

$2\frac{2}{6} = \frac{\boxed{}}{\boxed{}}$



② $\frac{11}{8} = \boxed{} \frac{\boxed{}}{\boxed{}}$

$\frac{12}{8} = \boxed{} \frac{\boxed{}}{\boxed{}}$

$\frac{18}{8} = \boxed{} \frac{\boxed{}}{\boxed{}}$

$1\frac{1}{8} = \frac{\boxed{}}{\boxed{}}$

$1\frac{6}{8} = \frac{\boxed{}}{\boxed{}}$

$2\frac{4}{8} = \frac{\boxed{}}{\boxed{}}$



5 가분수를 대분수로, 대분수는 가분수로 나타내어 보세요.

① $\frac{6}{4} = 1\frac{\square}{4}$ $\frac{7}{4} = \square\frac{\square}{\square}$ $\frac{10}{4} = \square\frac{\square}{\square}$

② $\frac{14}{4} = \square\frac{\square}{\square}$ $\frac{19}{4} = \square\frac{\square}{\square}$ $\frac{7}{5} = \square\frac{\square}{\square}$

③ $\frac{9}{5} = \square\frac{\square}{\square}$ $\frac{13}{5} = \square\frac{\square}{\square}$ $\frac{16}{5} = \square\frac{\square}{\square}$

6 분수의 크기를 비교하여 빈칸에 >, =, <를 알맞게 써 보세요.

① $\frac{6}{4} \bigcirc \frac{6}{4}$ $\frac{1}{7} \bigcirc \frac{1}{6}$ $\frac{1}{8} \bigcirc \frac{1}{9}$

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

③ $1\frac{1}{8} \bigcirc \frac{10}{8}$ $\frac{17}{9} \bigcirc 1\frac{7}{9}$ $1\frac{2}{10} \bigcirc \frac{13}{10}$



몸풀기

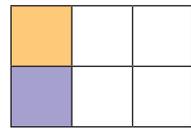
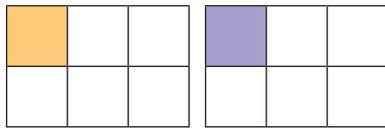


분모가 같은 진분수의 덧셈

$$\frac{1}{3} + \frac{1}{3} = \frac{1+1}{3} = \frac{2}{3}$$

1 분수의 합을 그림으로 나타내어 얼마인지 써 보세요.

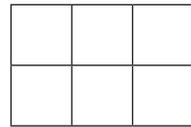
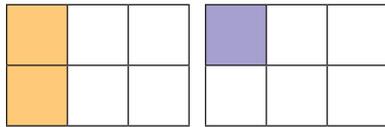
예시



$$\frac{1}{6} + \frac{1}{6} =$$

$$\frac{1+1}{6} = \frac{2}{6}$$

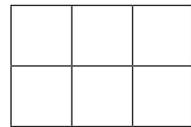
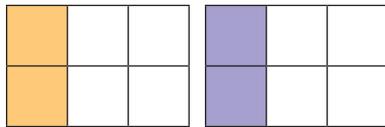
①



$$\frac{2}{6} + \frac{1}{6} =$$

$$\frac{2+1}{6} = \frac{\square}{6}$$

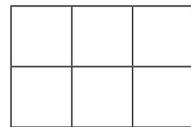
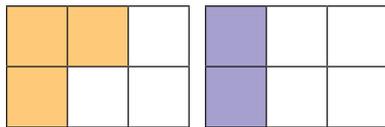
②



$$\frac{2}{6} + \frac{2}{6} =$$

$$\frac{2+2}{6} = \frac{\square}{6}$$

③

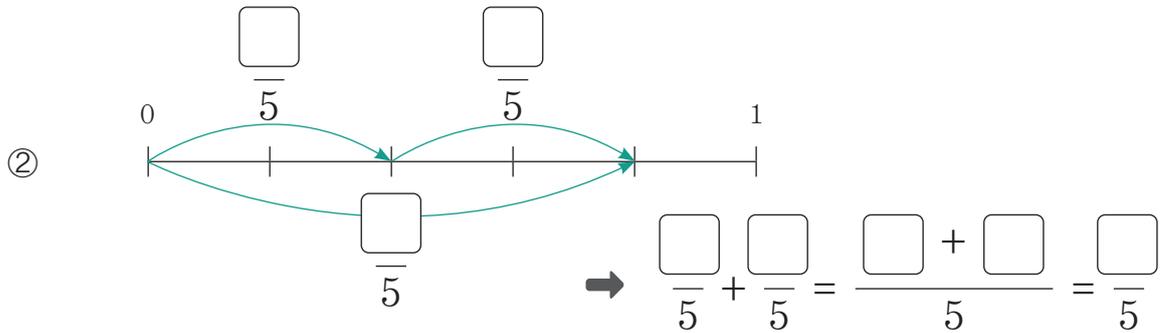
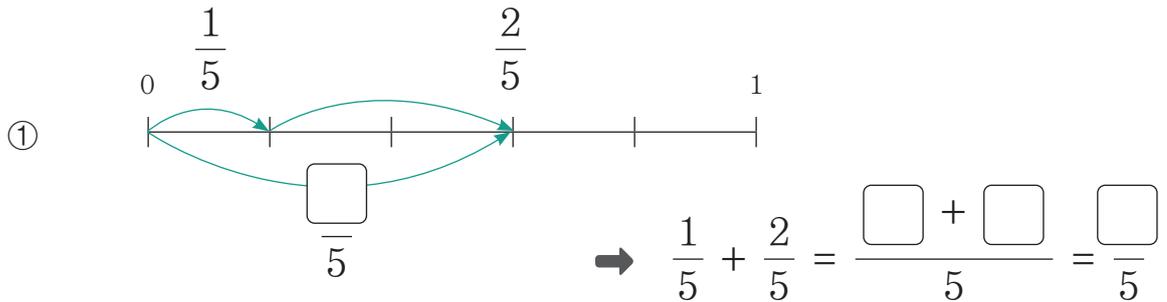


$$\frac{3}{6} + \frac{2}{6} =$$

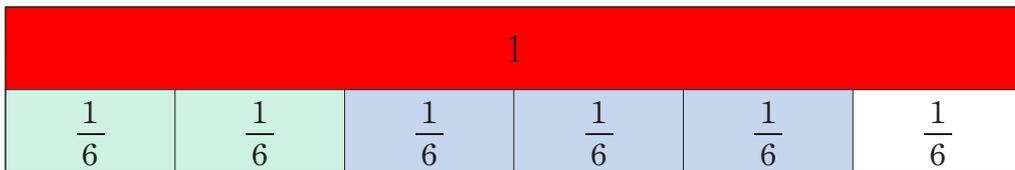
$$\frac{3+2}{6} = \frac{\square}{6}$$



2 수직선을 이용하여 분수의 합을 알아보세요.



3 이 막대를 보고, 분수의 합이 얼마인지 알아보세요.



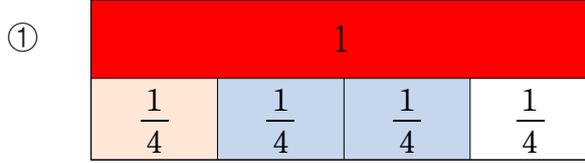
$\frac{2}{6}$ 는 $\frac{1}{6}$ 이 개, $\frac{3}{6}$ 는 $\frac{1}{6}$ 이 개이므로

$\frac{2}{6} + \frac{1}{6}$ 는 $\frac{1}{6}$ 이 모두 개 입니다.

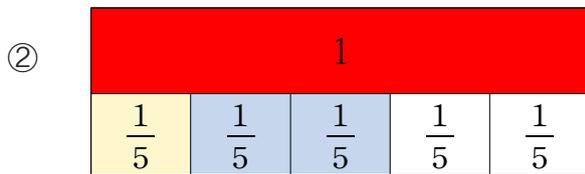
→ $\frac{2}{6} + \frac{3}{6} = \frac{\square}{6} + \frac{\square}{6} = \frac{\square}{6}$



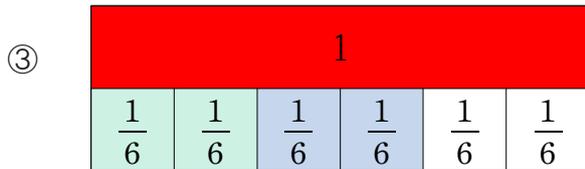
4 분수막대를 보고 분수의 덧셈을 해보세요.



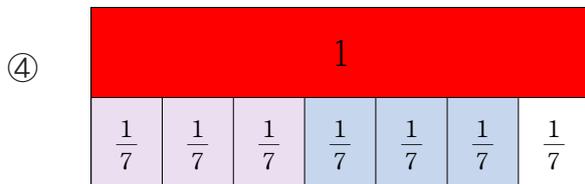
$$\frac{1}{4} + \frac{2}{4} = \frac{\square + \square}{4} = \frac{\square}{4}$$



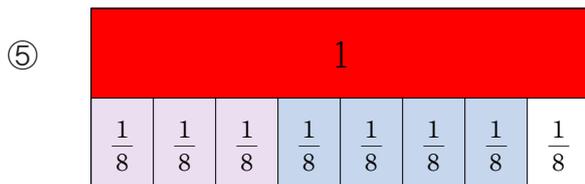
$$\frac{1}{5} + \frac{2}{5} = \frac{\square + \square}{5} = \frac{\square}{5}$$



$$\frac{2}{6} + \frac{2}{6} = \frac{\square + \square}{6} = \frac{\square}{6}$$



$$\frac{3}{7} + \frac{3}{7} = \frac{\square + \square}{7} = \frac{\square}{7}$$



$$\frac{3}{8} + \frac{4}{8} = \frac{\square + \square}{8} = \frac{\square}{8}$$



5 분수의 덧셈을 계산해 보세요.

$$\textcircled{1} \quad \frac{1}{3} + \frac{1}{3} = \frac{1+1}{3} = \frac{\square}{3}$$

$$\textcircled{2} \quad \frac{1}{4} + \frac{2}{4} = \frac{1+2}{4} = \frac{\square}{4}$$

$$\textcircled{3} \quad \frac{2}{5} + \frac{2}{5} = \frac{2+2}{5} = \frac{\square}{5}$$

$$\textcircled{4} \quad \frac{3}{6} + \frac{1}{6} = \frac{3+1}{6} = \frac{\square}{6}$$

$$\textcircled{5} \quad \frac{2}{7} + \frac{3}{7} = \frac{2+3}{7} = \frac{\square}{7}$$

$$\textcircled{6} \quad \frac{4}{7} + \frac{2}{7} = \frac{4+2}{7} = \frac{\square}{7}$$

$$\textcircled{7} \quad \frac{2}{8} + \frac{4}{8} = \frac{2+4}{8} = \frac{\square}{8}$$

$$\textcircled{8} \quad \frac{1}{9} + \frac{6}{9} = \frac{1+6}{9} = \frac{\square}{9}$$

$$\textcircled{9} \quad \frac{5}{11} + \frac{3}{11} =$$

$$\textcircled{10} \quad \frac{6}{12} + \frac{5}{12} =$$

$$\textcircled{11} \quad \frac{5}{13} + \frac{7}{13} =$$

$$\textcircled{12} \quad \frac{6}{14} + \frac{4}{14} =$$

$$\textcircled{13} \quad \frac{5}{15} + \frac{8}{15} =$$

$$\textcircled{14} \quad \frac{7}{17} + \frac{2}{17} =$$

$$\textcircled{15} \quad \frac{11}{20} + \frac{6}{20} =$$

$$\textcircled{16} \quad \frac{12}{30} + \frac{15}{30} =$$



3회

진분수의 덧셈 (2)

몸풀기

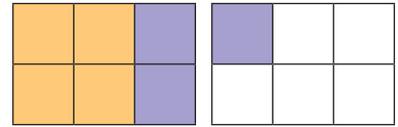
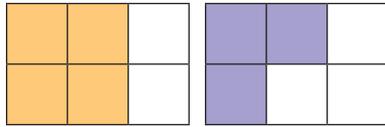


분모가 같은 진분수의 덧셈

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

1 분수의 합을 그림으로 나타내어 얼마인지 알아보세요.

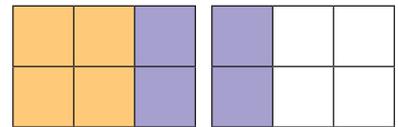
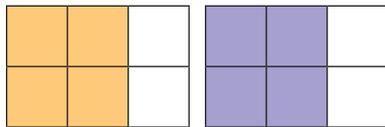
예시



$$\frac{4}{6} + \frac{3}{6} =$$

$$\frac{4+3}{6} = 1\frac{1}{6}$$

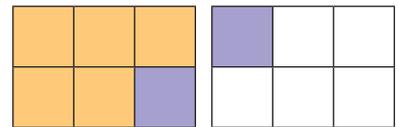
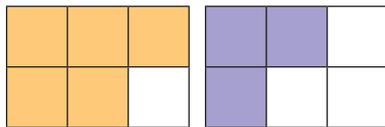
①



$$\frac{4}{6} + \frac{4}{6} =$$

$$\frac{4+4}{6} = \square \frac{2}{6}$$

②

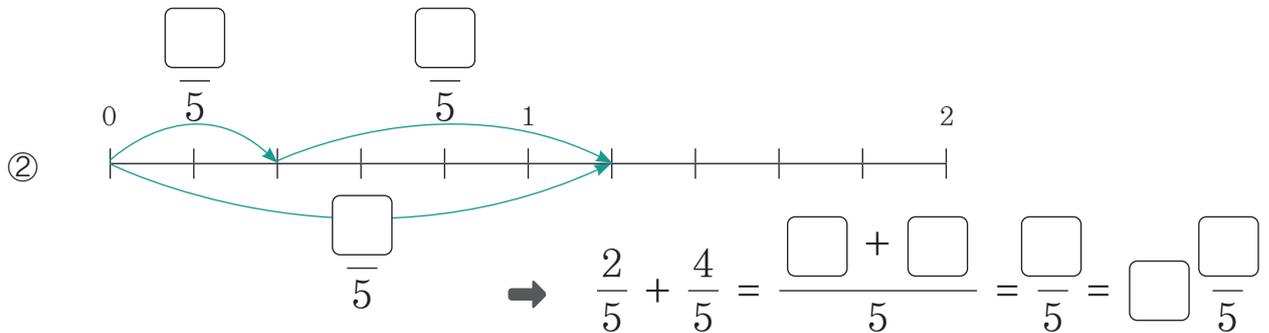
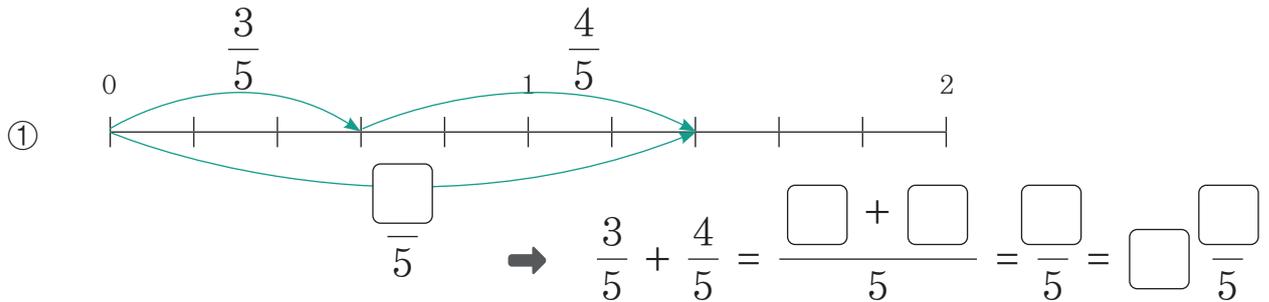


$$\frac{5}{6} + \frac{3}{6} =$$

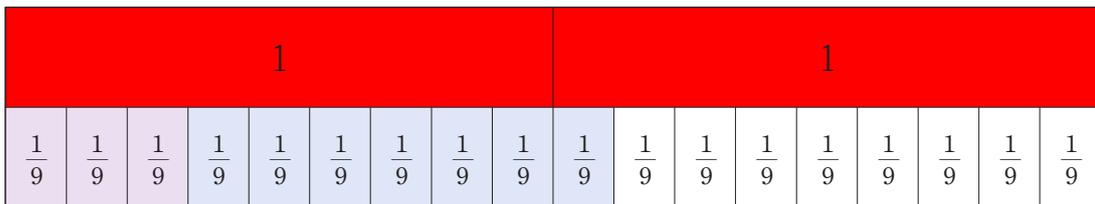
$$\frac{5+3}{6} = \square \frac{\square}{6}$$



2 수직선을 이용하여 분수의 합을 알아보세요.



3 빈 칸에 알맞은 수를 써 보세요.



$\frac{3}{9}$ 은 $\frac{1}{9}$ 이 개, $\frac{7}{9}$ 는 $\frac{1}{9}$ 이 개이므로

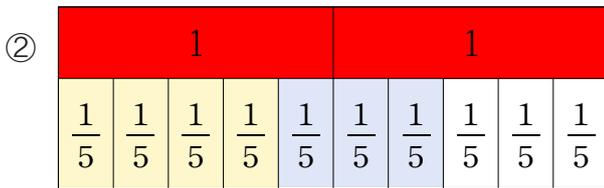
$\frac{3}{9} + \frac{7}{9}$ 는 $\frac{1}{9}$ 이 모두 개 입니다.

$$\rightarrow \frac{3}{9} + \frac{7}{9} = \frac{\square + \square}{9} = \square \frac{\square}{9}$$

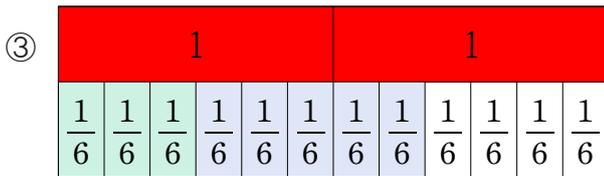
4 분수막대를 보고 분수의 덧셈을 계산해 보세요.



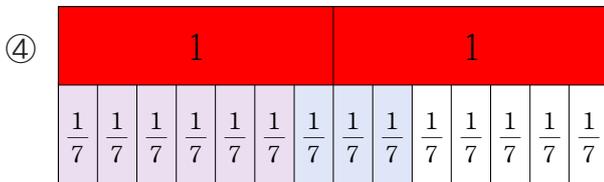
$$\frac{3}{4} + \frac{3}{4} = \frac{3 + 3}{4} = \frac{\square}{4} = \square \frac{\square}{4}$$



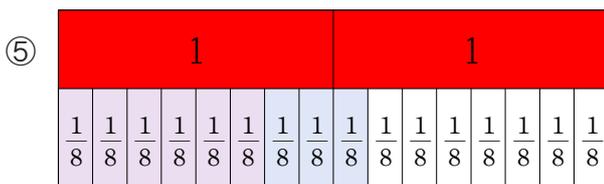
$$\frac{4}{5} + \frac{3}{5} = \frac{4 + 3}{5} = \frac{\square}{5} = \square \frac{\square}{5}$$



$$\frac{3}{6} + \frac{5}{6} = \frac{3 + 5}{6} = \frac{\square}{6} = \square \frac{\square}{6}$$



$$\frac{6}{7} + \frac{3}{7} = \frac{\square + \square}{7} = \frac{\square}{7} = \square \frac{\square}{7}$$



$$\frac{6}{8} + \frac{3}{8} = \frac{\square + \square}{8} = \frac{\square}{8} = \square \frac{\square}{8}$$



5 분수의 덧셈을 계산해 보세요.

$$\textcircled{1} \quad \frac{2}{3} + \frac{3}{3} = \frac{2+3}{3} = \frac{\square}{3} = \square \frac{\square}{3}$$

$$\textcircled{2} \quad \frac{2}{4} + \frac{3}{4} = \frac{2+3}{4} = \frac{\square}{4} = \square \frac{\square}{4}$$

$$\textcircled{3} \quad \frac{3}{5} + \frac{4}{5} = \frac{3+4}{5} = \frac{\square}{5} = \square \frac{\square}{5}$$

$$\textcircled{4} \quad \frac{3}{6} + \frac{5}{6} = \frac{3+5}{6} = \frac{\square}{6} = \square \frac{\square}{6}$$

$$\textcircled{5} \quad \frac{3}{7} + \frac{6}{7} = \frac{3+6}{7} = \frac{\square}{7} = \square \frac{\square}{7}$$

$$\textcircled{6} \quad \frac{4}{7} + \frac{5}{7} = \frac{4+5}{7} = \frac{\square}{7} = \square \frac{\square}{7}$$

$$\textcircled{7} \quad \frac{4}{8} + \frac{5}{8} = \frac{4+5}{8} = \frac{\square}{8} = \square \frac{\square}{8}$$

$$\textcircled{8} \quad \frac{4}{9} + \frac{7}{9} = \frac{4+7}{9} = \frac{\square}{9} = \square \frac{\square}{9}$$

$$\textcircled{9} \quad \frac{9}{11} + \frac{8}{11} =$$

$$\textcircled{10} \quad \frac{8}{12} + \frac{7}{12} =$$

$$\textcircled{11} \quad \frac{8}{13} + \frac{11}{13} =$$

$$\textcircled{12} \quad \frac{7}{14} + \frac{9}{14} =$$

$$\textcircled{13} \quad \frac{9}{15} + \frac{10}{15} =$$

$$\textcircled{14} \quad \frac{13}{17} + \frac{9}{17} =$$

$$\textcircled{15} \quad \frac{12}{20} + \frac{15}{20} =$$

$$\textcircled{16} \quad \frac{15}{30} + \frac{17}{30} =$$



4회

진분수의 뺄셈

몸풀기

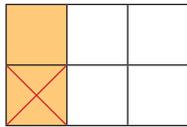


분모가 같은 분수의 뺄셈

$$\frac{2}{3} - \frac{1}{3} = \frac{2-1}{3} = \frac{1}{3}$$

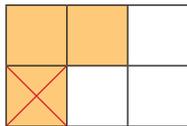
1 그림을 보고, 분수의 뺄셈을 계산해 보세요.

예시



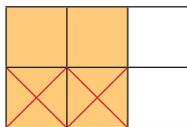
$$\frac{2}{6} - \frac{1}{6} = \frac{2-1}{6} = \frac{1}{6}$$

①



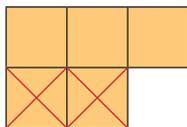
$$\frac{3}{6} - \frac{1}{6} = \frac{3-1}{6} = \frac{\square}{6}$$

②



$$\frac{4}{6} - \frac{2}{6} = \frac{4-2}{6} = \frac{\square}{6}$$

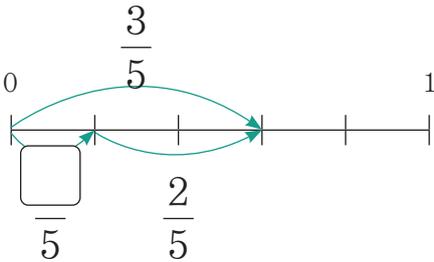
③

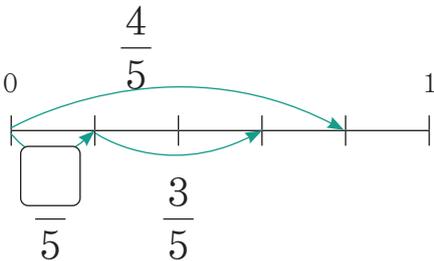


$$\frac{5}{6} - \frac{2}{6} = \frac{5-2}{6} = \frac{\square}{6}$$

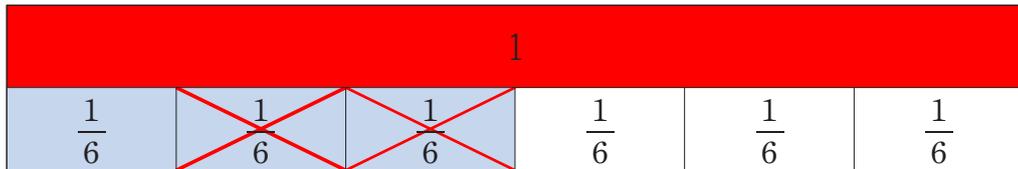


2 수직선을 이용하여 분수의 뺄셈을 알아보세요.

①  $\rightarrow \frac{3}{5} - \frac{2}{5} = \frac{3-2}{5} = \frac{\square}{5}$

②  $\rightarrow \frac{4}{5} - \frac{3}{5} = \frac{4-3}{5} = \frac{\square}{5}$

3 이 막대를 보고, 분수의 차가 얼마인지 알아보세요.



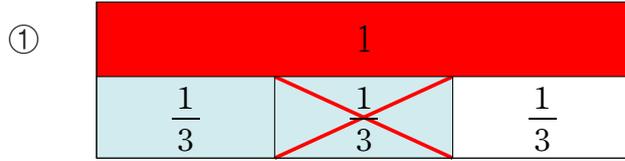
$\frac{3}{6}$ 은 $\frac{1}{6}$ 이 개, $\frac{2}{6}$ 는 $\frac{1}{6}$ 이 개이므로

$\frac{3}{6} - \frac{2}{6}$ 는 $\frac{1}{6}$ 이 모두 개입니다.

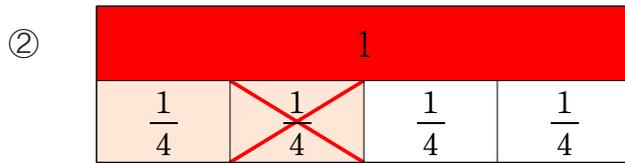
$\rightarrow \frac{3}{6} - \frac{2}{6} = \frac{\square}{6} - \frac{\square}{6} = \frac{\square - \square}{6} = \frac{\square}{6}$



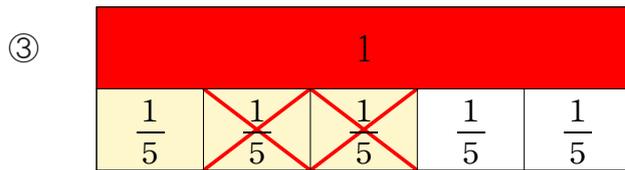
4 분수막대를 보고 분수의 뺄셈을 해보세요.



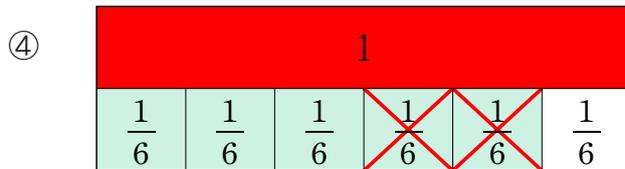
$$\frac{2}{3} - \frac{1}{3} = \frac{\square - \square}{3} = \frac{\square}{3}$$



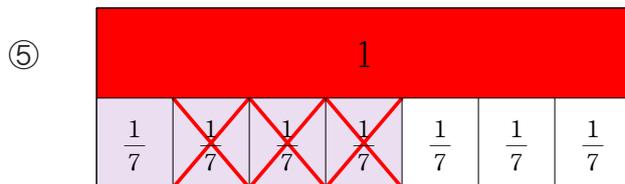
$$\frac{3}{4} - \frac{1}{4} = \frac{\square - \square}{4} = \frac{\square}{4}$$



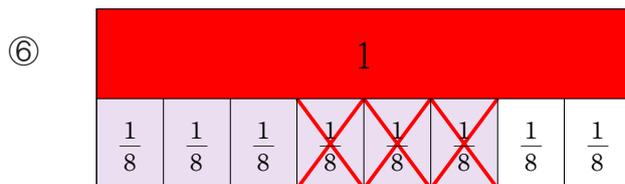
$$\frac{3}{5} - \frac{2}{5} = \frac{\square - \square}{5} = \frac{\square}{5}$$



$$\frac{4}{6} - \frac{2}{6} = \frac{\square - \square}{6} = \frac{\square}{6}$$



$$\frac{4}{7} - \frac{3}{7} = \frac{\square - \square}{7} = \frac{\square}{7}$$



$$\frac{4}{8} - \frac{3}{8} = \frac{\square - \square}{8} = \frac{\square}{8}$$



5 분수의 뺄셈을 계산해 보세요.

$$\textcircled{1} \quad \frac{3}{4} - \frac{1}{4} = \frac{3-1}{4} = \frac{\square}{4}$$

$$\textcircled{2} \quad \frac{3}{4} - \frac{2}{4} = \frac{3-2}{4} = \frac{\square}{4}$$

$$\textcircled{3} \quad \frac{4}{5} - \frac{2}{5} = \frac{4-2}{5} = \frac{\square}{5}$$

$$\textcircled{4} \quad \frac{3}{6} - \frac{1}{6} = \frac{3-1}{6} = \frac{\square}{6}$$

$$\textcircled{5} \quad \frac{4}{7} - \frac{2}{7} = \frac{4-2}{7} = \frac{\square}{7}$$

$$\textcircled{6} \quad \frac{6}{7} - \frac{2}{7} = \frac{6-2}{7} = \frac{\square}{7}$$

$$\textcircled{7} \quad \frac{5}{8} - \frac{4}{8} = \frac{5-4}{8} = \frac{\square}{8}$$

$$\textcircled{8} \quad \frac{7}{9} - \frac{6}{9} = \frac{7-6}{9} = \frac{\square}{9}$$

$$\textcircled{9} \quad \frac{5}{11} - \frac{3}{11} =$$

$$\textcircled{10} \quad \frac{6}{12} - \frac{5}{12} =$$

$$\textcircled{11} \quad \frac{7}{13} - \frac{5}{13} =$$

$$\textcircled{12} \quad \frac{7}{14} - \frac{4}{14} =$$

$$\textcircled{13} \quad \frac{8}{15} - \frac{5}{15} =$$

$$\textcircled{14} \quad \frac{7}{17} - \frac{2}{17} =$$

$$\textcircled{15} \quad \frac{11}{20} - \frac{6}{20} =$$

$$\textcircled{16} \quad \frac{15}{30} - \frac{11}{30} =$$



5 회

대분수의 덧셈 (1)

몸풀기

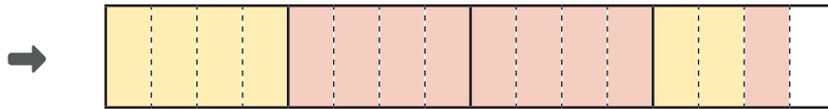
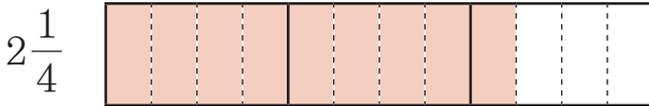
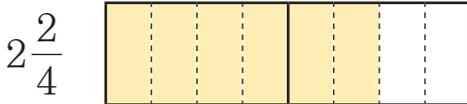


분모가 같은 대분수의 덧셈

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

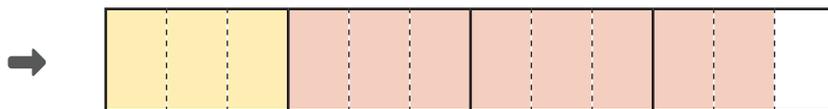
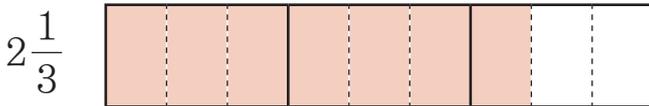
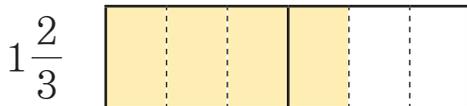
1 그림을 보고, 분수의 뺄셈을 계산해 보세요.

예시



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

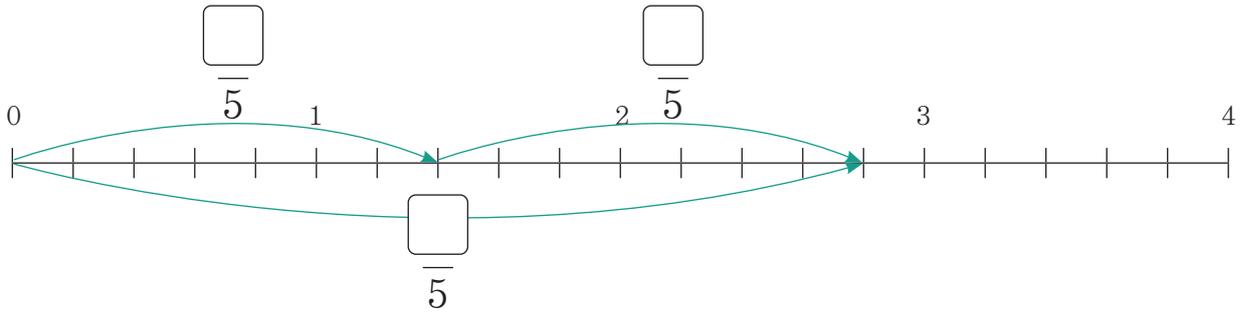
①



→ $1\frac{2}{3} + 2\frac{1}{3} = (\square + \square) + (\frac{\square}{3} + \frac{\square}{3}) = \square + \frac{\square}{3} = \square\frac{\square}{3}$

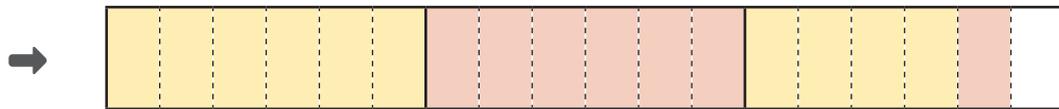
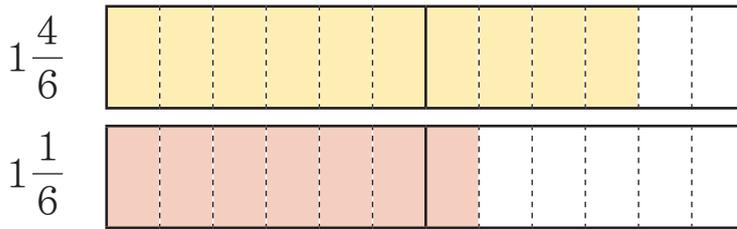


2 수직선을 이용하여 분수의 합을 알아보세요.



$$1\frac{2}{5} + 1\frac{2}{5} = \frac{\square}{5} + \frac{\square}{5} = \frac{\square}{5} = \square\frac{\square}{5}$$

3 빈칸에 알맞은 수를 써보세요.



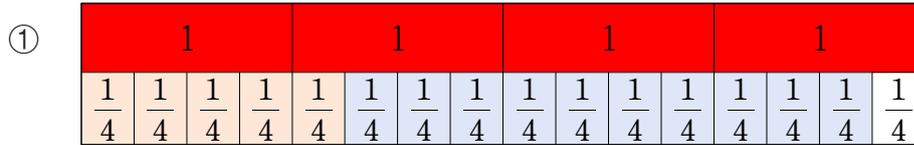
$1\frac{4}{6}$ 는 $\frac{1}{6}$ 이 \square 개, $1\frac{1}{6}$ 는 $\frac{1}{6}$ 이 \square 개이므로

$1\frac{4}{6} + 1\frac{1}{6}$ 는 $\frac{1}{6}$ 이 모두 \square 개 입니다.

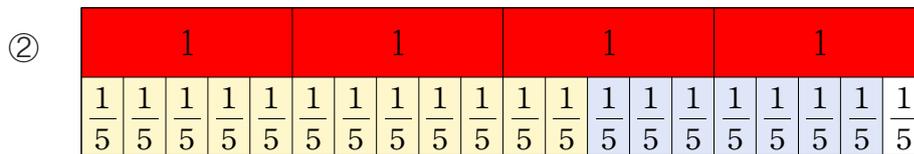
$$\rightarrow 1\frac{4}{6} + 1\frac{1}{6} = \frac{\square + \square}{6} = \frac{\square}{6} = \square\frac{\square}{6}$$



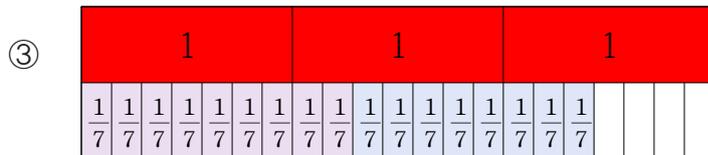
4 분수막대를 보고 분수의 뺄셈을 해보세요.



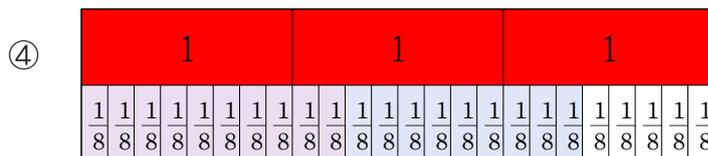
$$1\frac{1}{4} + 2\frac{2}{4} = \square \frac{1+2}{4} = \square \frac{\square}{4}$$



$$2\frac{2}{5} + 1\frac{2}{5} = \square \frac{2+2}{5} = \square \frac{\square}{5}$$



$$1\frac{2}{7} + 1\frac{1}{7} = \square \frac{2+1}{7} = \square \frac{\square}{7}$$



$$1\frac{2}{8} + 2\frac{1}{8} = \square \frac{2+1}{8} = \square \frac{\square}{8}$$



5 분수의 덧셈을 계산해 보세요.

$$\textcircled{1} \quad 2\frac{1}{3} + 1\frac{1}{3} = \square \frac{1+1}{3} = \square \frac{\square}{3}$$

$$\textcircled{2} \quad 1\frac{2}{4} + 2\frac{1}{4} = \square \frac{2+1}{4} = \square \frac{\square}{4}$$

$$\textcircled{3} \quad 2\frac{2}{5} + 1\frac{2}{5} = \square \frac{2+2}{5} = \square \frac{\square}{5}$$

$$\textcircled{4} \quad 1\frac{3}{6} + 3\frac{1}{6} = \square \frac{3+1}{6} = \square \frac{\square}{6}$$

$$\textcircled{5} \quad 3\frac{2}{7} + 2\frac{3}{7} = \square \frac{2+3}{7} = \square \frac{\square}{7}$$

$$\textcircled{6} \quad 2\frac{4}{7} + 2\frac{2}{7} = \square \frac{4+2}{7} = \square \frac{\square}{7}$$

$$\textcircled{7} \quad 4\frac{2}{8} + 2\frac{4}{8} = \square \frac{2+4}{8} = \square \frac{\square}{8}$$

$$\textcircled{8} \quad 3\frac{1}{9} + 4\frac{6}{9} = \square \frac{1+6}{9} = \square \frac{\square}{9}$$

$$\textcircled{9} \quad 5\frac{1}{12} + 4\frac{4}{12} =$$

$$\textcircled{10} \quad 5\frac{2}{13} + 2\frac{8}{13} =$$

$$\textcircled{11} \quad 4\frac{2}{15} + 5\frac{3}{15} =$$

$$\textcircled{12} \quad 3\frac{3}{16} + 5\frac{5}{16} =$$

$$\textcircled{13} \quad 2\frac{2}{17} + 4\frac{3}{17} =$$

$$\textcircled{14} \quad 4\frac{3}{18} + 4\frac{4}{18} =$$

$$\textcircled{15} \quad 5\frac{9}{20} + 5\frac{4}{20} =$$

$$\textcircled{16} \quad 5\frac{3}{23} + 4\frac{10}{23} =$$



몸풀기

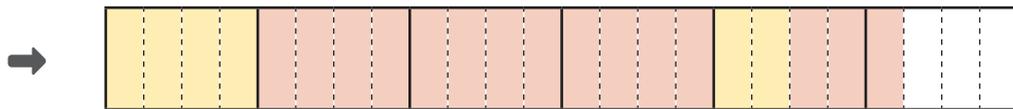
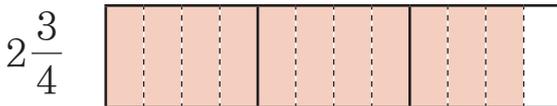
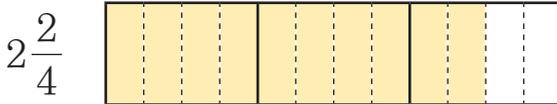


분모가 같은 대분수의 덧셈

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

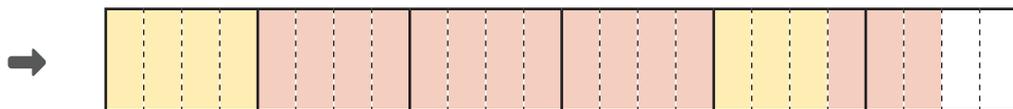
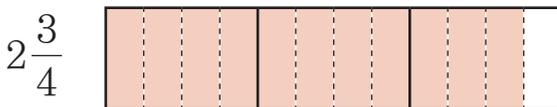
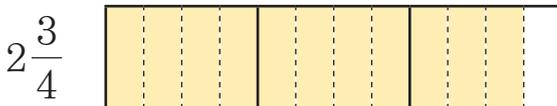
1 분수의 합을 그림으로 나타내어 얼마인지 알아보세요.

예시



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

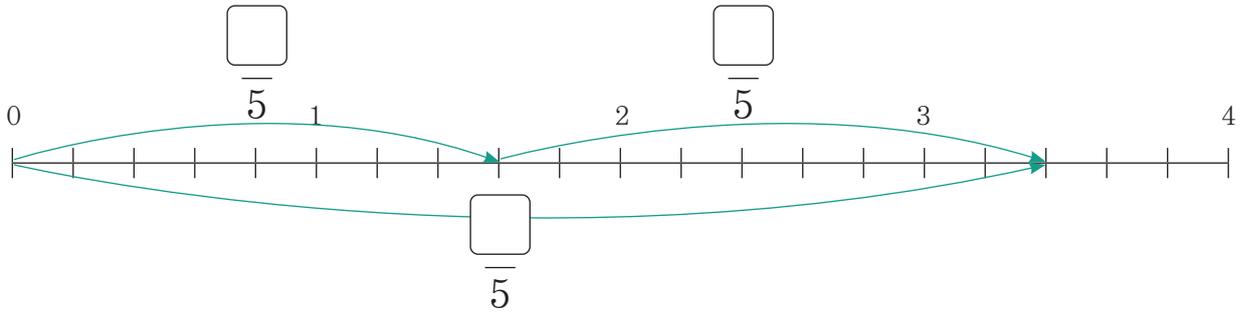
①



→ $2\frac{3}{4} + 2\frac{3}{4} = (\square + \square) + (\frac{\square}{4} + \frac{\square}{4}) = \square + \frac{\square}{4} = \square + \square \frac{\square}{4} = \square \frac{\square}{4}$

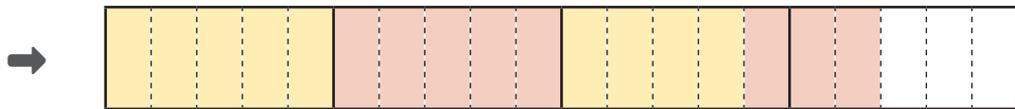
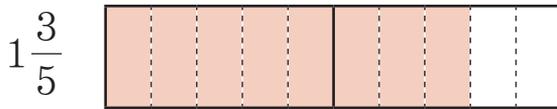
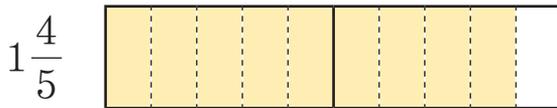


2 수직선을 이용하여 분수의 합을 알아보세요.



$$1\frac{3}{5} + 1\frac{4}{5} = \frac{\square}{5} + \frac{\square}{5} = \frac{\square + \square}{5} = \frac{\square}{5} = \square \frac{\square}{5}$$

3 빈칸에 알맞은 수를 써보세요.



$1\frac{4}{5}$ 는 $\frac{1}{5}$ 이 \square 개, $1\frac{3}{5}$ 는 $\frac{1}{5}$ 이 \square 개이므로

$1\frac{4}{5} + 1\frac{3}{5}$ 는 $\frac{1}{5}$ 이 모두 \square 개 입니다.

→ $1\frac{4}{5} + 1\frac{3}{5} = \frac{\square + \square}{5} = \frac{\square}{5} = \square \frac{\square}{5}$



4 대분수의 덧셈을 해보세요.

①

1				1				1				1			
$\frac{1}{4}$															

$$1\frac{2}{4} + 1\frac{3}{4} = \square \frac{2+3}{4} = \square + \frac{5}{4} = \square + \square \frac{\square}{4} = \square \frac{\square}{4}$$

②

1				1				1				1			
$\frac{1}{4}$															

$$1\frac{3}{4} + 1\frac{3}{4} = \square \frac{3+3}{4} = \square + \frac{6}{4} = \square + \square \frac{\square}{4} = \square \frac{\square}{4}$$

③

1				1				1				1				1			
$\frac{1}{4}$																			

$$1\frac{2}{4} + 2\frac{3}{4} = \square \frac{2+3}{4} = \square + \frac{\square}{\square} = \square + \square \frac{\square}{4} = \square \frac{\square}{4}$$

④

1				1				1				1				1			
$\frac{1}{4}$																			

$$1\frac{3}{4} + 2\frac{3}{4} = \square \frac{3+3}{4} = \square + \frac{\square}{\square} = \square + \square \frac{\square}{4} = \square \frac{\square}{4}$$



5 대분수의 덧셈을 계산해 보세요.

$$\textcircled{1} \quad 2\frac{2}{3} + 2\frac{2}{3} = \square \frac{2+2}{3} = \square + \square \frac{\square}{3} = \square \frac{\square}{3}$$

$$\textcircled{2} \quad 1\frac{3}{4} + 3\frac{3}{4} = \square \frac{3+3}{4} = \square + \square \frac{\square}{4} = \square \frac{\square}{4}$$

$$\textcircled{3} \quad 1\frac{5}{6} + 2\frac{3}{6} = \square \frac{5+3}{6} = \square + \square \frac{\square}{6} = \square \frac{\square}{6}$$

$$\textcircled{4} \quad 4\frac{5}{7} + 2\frac{4}{7} = \square \frac{5+4}{7} = \square + \square \frac{\square}{7} = \square \frac{\square}{7}$$

$$\textcircled{5} \quad 5\frac{9}{12} + 4\frac{4}{12} =$$

$$\textcircled{6} \quad 4\frac{2}{15} + 5\frac{8}{15} =$$

$$\textcircled{7} \quad 3\frac{15}{17} + 3\frac{8}{17} =$$

$$\textcircled{8} \quad 5\frac{9}{20} + 5\frac{16}{20} =$$



몸풀기



1 - 진분수

$$1 - \frac{1}{3} = \frac{1}{3} - \frac{1}{3} = \frac{3-1}{3} = \frac{2}{3}$$

1 가분수를 대분수로 바꾸어 보세요.

① $\frac{4}{3} = 1 \frac{\square}{3}$

② $\frac{5}{3} = 1 \frac{\square}{3}$

③ $\frac{6}{3} =$

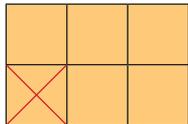
④ $\frac{7}{3} =$

⑤ $\frac{8}{3} =$

⑥ $\frac{10}{3} =$

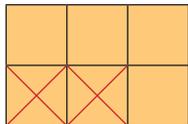
2 분수의 뺄셈을 알아보세요.

예시



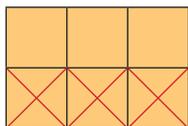
$$1 - \frac{1}{6} = \frac{6}{6} - \frac{1}{6} = \frac{6-1}{6} = \frac{5}{6}$$

①



$$1 - \frac{2}{6} = \frac{\square}{\square} - \frac{\square}{\square} = \frac{\square - \square}{\square} = \frac{\square}{\square}$$

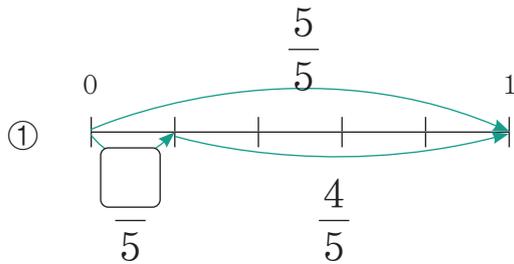
②



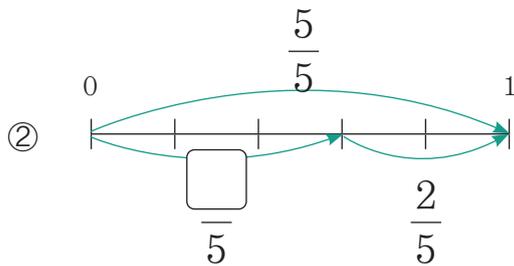
$$1 - \frac{3}{6} = \frac{\square}{\square} - \frac{\square}{\square} = \frac{\square - \square}{\square} = \frac{\square}{\square}$$



3 수직선을 이용하여 분수의 뺄셈을 알아보세요.

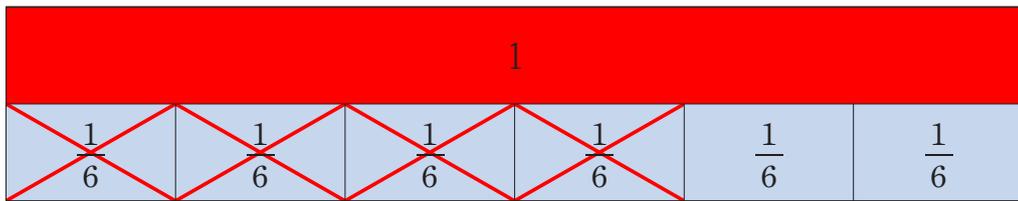


$$1 - \frac{2}{5} = \frac{\square}{5} - \frac{\square}{5} = \frac{\square - \square}{5} = \frac{\square}{5}$$



$$1 - \frac{2}{5} = \frac{\square}{5} - \frac{\square}{5} = \frac{\square - \square}{5} = \frac{\square}{5}$$

3 이 막대를 보고, 분수의 차가 얼마인지 계산해 보세요.

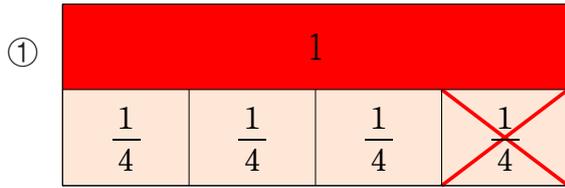


1은 $\frac{6}{6}$ 이므로 $\frac{1}{6}$ 이 개, $\frac{4}{6}$ 는 $\frac{1}{6}$ 이 개이므로

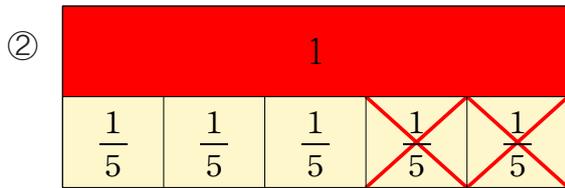
$1 - \frac{4}{6}$ 는 $\frac{1}{6}$ 이 개입니다.

$$\rightarrow 1 - \frac{4}{6} = \frac{\square}{6} - \frac{\square}{6} = \frac{\square - \square}{6} = \frac{\square}{6}$$

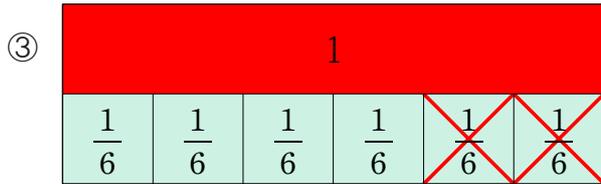
5 분수막대를 보고 분수의 뺄셈을 계산해 보세요.



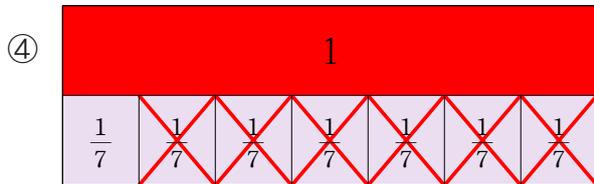
$$1 - \frac{1}{4} = \frac{\square - \square}{4} = \frac{\square}{4}$$



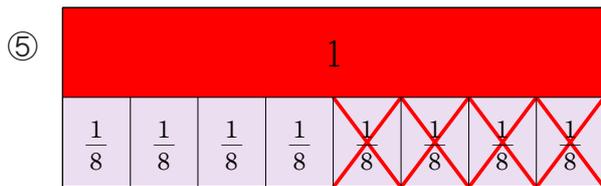
$$1 - \frac{2}{5} = \frac{\square - \square}{5} = \frac{\square}{5}$$



$$1 - \frac{2}{6} = \frac{\square - \square}{6} = \frac{\square}{6}$$



$$1 - \frac{6}{7} = \frac{\square - \square}{7} = \frac{\square}{7}$$



$$1 - \frac{4}{8} = \frac{\square - \square}{8} = \frac{\square}{8}$$



6 분수의 뺄셈을 계산해 보세요.

$$\textcircled{1} \quad 1 - \frac{4}{7} = \frac{\square}{7} - \frac{\square}{7} = \frac{\square - \square}{7} = \frac{\square}{7}$$

$$\textcircled{2} \quad 1 - \frac{7}{11} = \frac{\square}{11} - \frac{\square}{11} = \frac{\square - \square}{11} = \frac{\square}{11}$$

$$\textcircled{3} \quad 1 - \frac{5}{13} = \frac{\square}{13} - \frac{\square}{13} = \frac{\square - \square}{13} = \frac{\square}{13}$$

$$\textcircled{4} \quad 1 - \frac{8}{17} = \frac{\square}{17} - \frac{\square}{17} = \frac{\square - \square}{17} = \frac{\square}{17}$$

$$\textcircled{5} \quad 1 - \frac{4}{20} = \frac{\square}{20} - \frac{\square}{20} = \frac{\square - \square}{20} = \frac{\square}{20}$$

$$\textcircled{6} \quad 1 - \frac{3}{11} =$$

$$\textcircled{7} \quad 1 - \frac{12}{15} =$$

$$\textcircled{8} \quad 1 - \frac{6}{23} =$$



8회

대분수의 뺄셈 (분수 부분끼리 뺄 수 있는 경우)

몸풀기

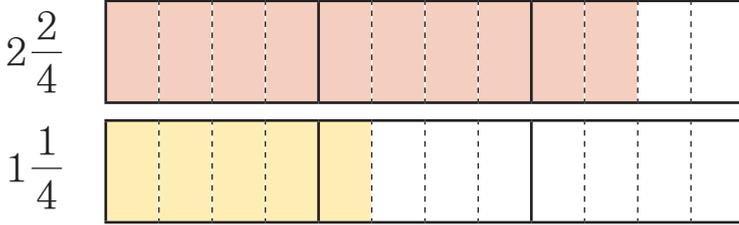


분모가 같은 대분수의 뺄셈

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

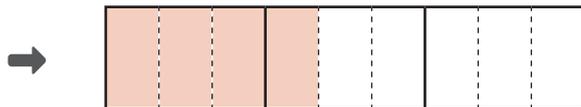
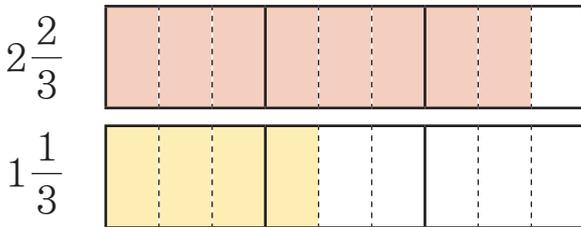
1 분수의 뺄셈 그림을 보면서 계산해 보세요.

예시



→ $2\frac{2}{4} - 1\frac{1}{4} = (2-1) + (\frac{2}{4} - \frac{1}{4}) = 1 + \frac{1}{4} = 1\frac{1}{4}$

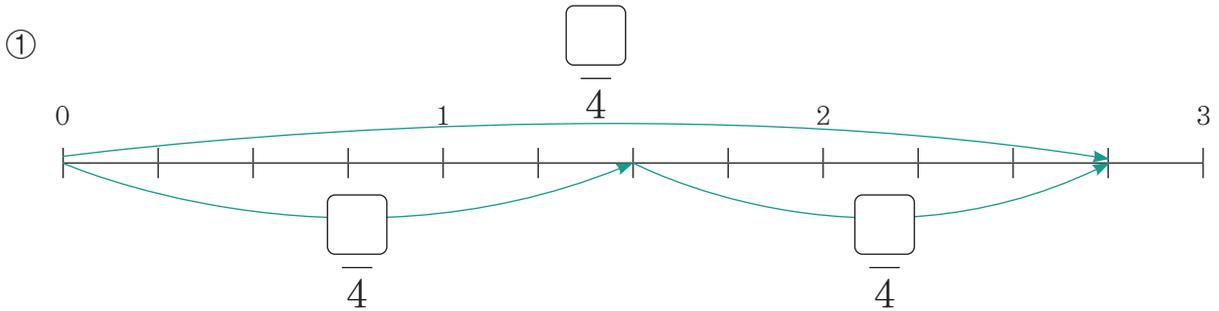
①



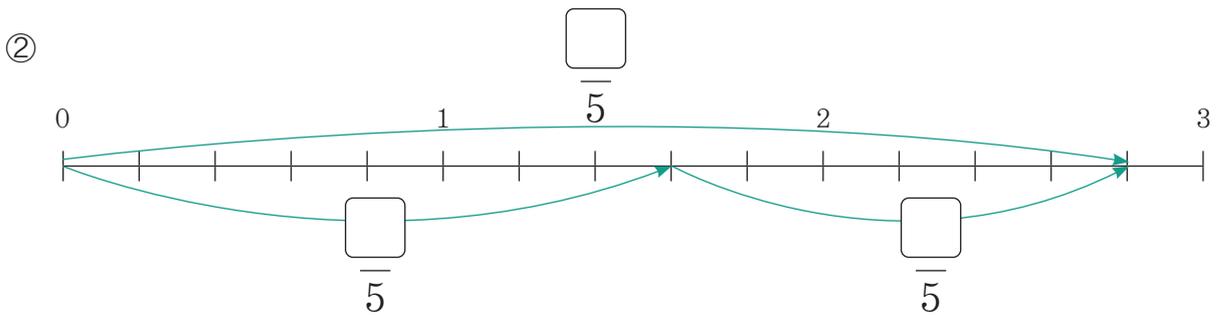
→ $2\frac{2}{3} - 1\frac{1}{3} = (\square - \square) + (\frac{\square}{3} - \frac{\square}{3}) = \square + \frac{\square}{3} = \square\frac{\square}{3}$



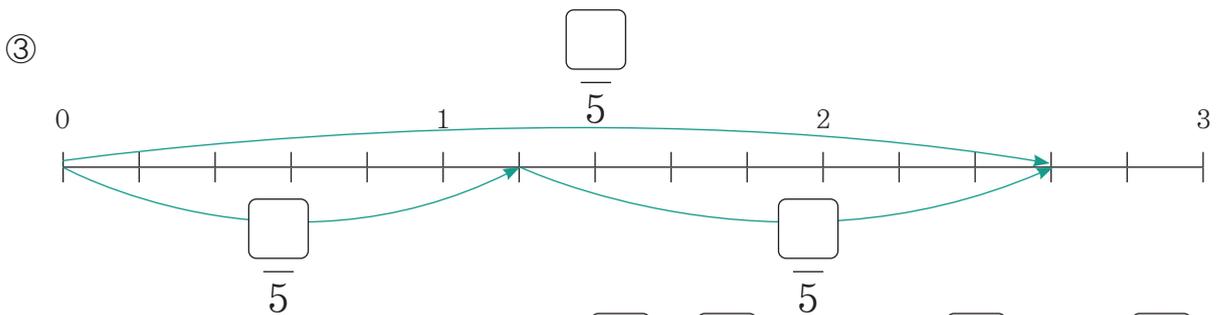
2 수직선을 이용하여 분수의 뺄셈을 알아보세요.



$$2\frac{2}{3} - 1\frac{1}{3} = (\square - \square) + \left(\frac{\square}{3} - \frac{\square}{3}\right) = \square + \frac{\square}{3} = \square\frac{\square}{3}$$



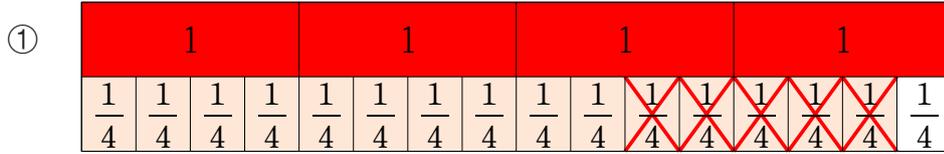
$$2\frac{4}{5} - 1\frac{1}{5} = (\square - \square) + \left(\frac{\square}{5} - \frac{\square}{5}\right) = \square + \frac{\square}{\square} = \square\frac{\square}{\square}$$



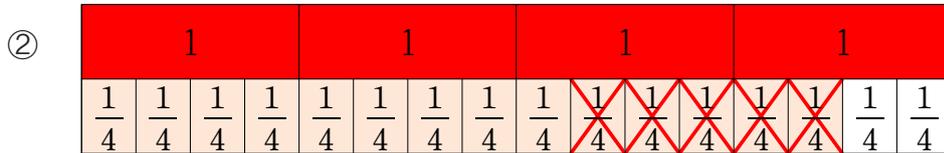
$$2\frac{3}{5} - 1\frac{2}{5} = (\square - \square) + \left(\frac{\square}{5} - \frac{\square}{5}\right) = \square + \frac{\square}{\square} = \square\frac{\square}{\square}$$



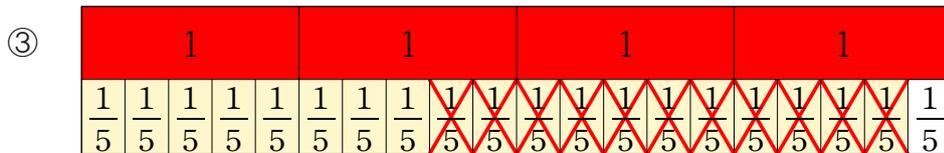
3 분수의 뺄셈을 계산해 보세요.



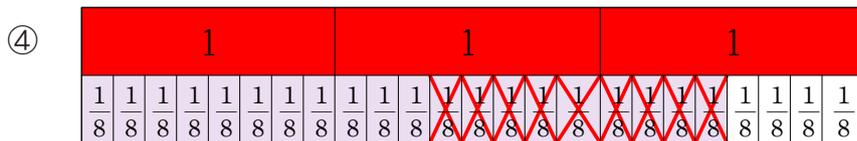
$$3\frac{3}{4} - 1\frac{1}{4} = (\square - \square) + \left(\frac{\square}{4} - \frac{\square}{4}\right) = \square + \frac{\square}{\square} = \square \frac{\square}{\square}$$



$$3\frac{3}{4} - 1\frac{1}{4} = (\square - \square) + \left(\frac{\square}{4} - \frac{\square}{4}\right) = \square + \frac{\square}{\square} = \square \frac{\square}{\square}$$



$$3\frac{4}{5} - 2\frac{1}{5} = (\square - \square) + \left(\frac{\square}{5} - \frac{\square}{5}\right) = \square + \frac{\square}{\square} = \square \frac{\square}{\square}$$



$$2\frac{4}{8} - 1\frac{1}{8} = (\square - \square) + \left(\frac{\square}{8} - \frac{\square}{8}\right) = \square + \frac{\square}{\square} = \square \frac{\square}{\square}$$



4 분수의 뺄셈을 계산해 보세요.

$$\textcircled{1} \quad 4\frac{4}{9} - 2\frac{1}{9} = (\square - \square) + \left(\frac{\square}{\square} - \frac{\square}{\square}\right) = \square + \frac{\square}{\square} = \square\frac{\square}{\square}$$

$$\textcircled{2} \quad 7\frac{3}{5} - 1\frac{1}{5} = (\square - \square) + \left(\frac{\square}{\square} - \frac{\square}{\square}\right) = \square + \frac{\square}{\square} = \square\frac{\square}{\square}$$

$$\textcircled{3} \quad 7\frac{4}{11} - 2\frac{3}{11} = (\square - \square) + \left(\frac{\square}{\square} - \frac{\square}{\square}\right) = \square + \frac{\square}{\square} = \square\frac{\square}{\square}$$

$$\textcircled{4} \quad 6\frac{4}{20} - 2\frac{1}{20} = (\square - \square) + \left(\frac{\square}{\square} - \frac{\square}{\square}\right) = \square + \frac{\square}{\square} = \square\frac{\square}{\square}$$

$$\textcircled{5} \quad 8\frac{8}{13} - 4\frac{4}{13} =$$

$$\textcircled{6} \quad 7\frac{12}{16} - 5\frac{7}{16} =$$

$$\textcircled{7} \quad 8\frac{15}{19} - 2\frac{8}{19} =$$

$$\textcircled{8} \quad 15\frac{19}{21} - 5\frac{3}{21} =$$



몸풀기



자연수 - 대분수 $4 - 1\frac{4}{6} = 3\frac{6}{6} - 1\frac{4}{6} = 2\frac{2}{6}$

1 가분수를 대분수로 바꾸어 보세요.

① $\frac{4}{4} = \square$

$\frac{6}{6} = \square$

$\frac{6}{6} = \square \frac{\square}{\square}$

② $\frac{11}{4} = \square \frac{\square}{\square}$

$\frac{13}{4} = \square \frac{\square}{\square}$

$\frac{6}{5} = \square \frac{\square}{\square}$

③ $1\frac{1}{3} = \frac{\square}{\square}$

$1\frac{2}{3} = \frac{\square}{\square}$

$2\frac{2}{3} = \frac{\square}{\square}$

2 분수의 뺄셈을 그림을 보면서 풀어보세요.

예시 $3 - 1\frac{1}{4}$

→ $3 - 1\frac{1}{4} = 2\frac{4}{4} - 1\frac{1}{4} = 1\frac{3}{4}$

① $3 - 1\frac{1}{4}$

→ $4 - 1\frac{3}{4} = 3\frac{4}{4} - 1\frac{3}{4} = \square \frac{\square}{\square}$



3 수직선을 이용하여 분수의 뺄셈을 해보세요.

①

$3 - 1\frac{4}{5} = \frac{15}{5} - \frac{9}{5} = \frac{\square}{5} = \square \frac{\square}{5}$

②

$4 - 2\frac{4}{5} = \frac{\square}{5} - \frac{\square}{5} = \frac{\square}{5} = \square \frac{\square}{5}$

4 빈칸에 알맞은 수를 써보세요.

$3 - 1\frac{1}{6}$

3은 $\frac{1}{6}$ 이 개, $\frac{1}{6}$ 는 $\frac{1}{6}$ 이 개이므로

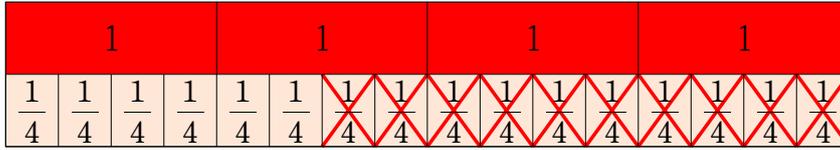
$3 - \frac{1}{6}$ 는 $\frac{1}{6}$ 이 모두 개입니다.

→ $3 - 1\frac{1}{6} = \frac{\square}{6} - \frac{\square}{6} = \frac{\square}{6} = \square \frac{\square}{6}$



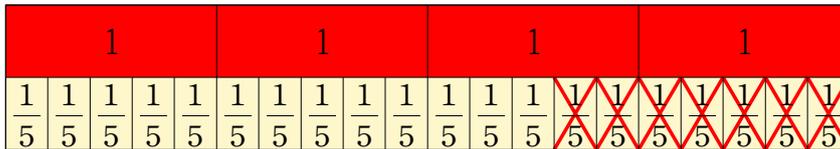
5 분수의 뺄셈을 계산해 보세요.

①



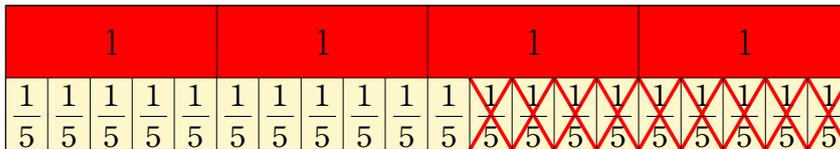
$$4 - 2\frac{2}{4} = \square \frac{\square}{4} - \square \frac{\square}{4} = \square \frac{\square}{4}$$

②



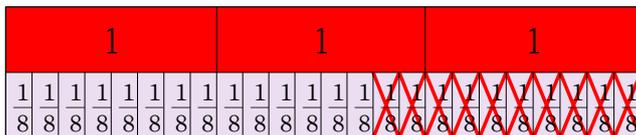
$$4 - 1\frac{2}{5} = \square \frac{\square}{5} - \square \frac{\square}{5} = \square \frac{\square}{5}$$

③



$$4 - 1\frac{4}{5} = \square \frac{\square}{5} - \square \frac{\square}{5} = \square \frac{\square}{5}$$

④



$$3 - 1\frac{2}{8} = \square \frac{\square}{8} - \square \frac{\square}{8} = \square \frac{\square}{8}$$



6 분수의 뺄셈을 계산해 보세요.

$$\textcircled{1} \quad 2 - 1\frac{4}{5} = \square \frac{\square}{\square} - \square \frac{\square}{\square} = \square \frac{\square}{\square}$$

$$\textcircled{2} \quad 3 - 1\frac{4}{5} = \square \frac{\square}{\square} - \square \frac{\square}{\square} = \square \frac{\square}{\square}$$

$$\textcircled{3} \quad 4 - 1\frac{3}{7} = \square \frac{\square}{\square} - \square \frac{\square}{\square} = \square \frac{\square}{\square}$$

$$\textcircled{4} \quad 6 - 2\frac{2}{5} = \square \frac{\square}{\square} - \square \frac{\square}{\square} = \square \frac{\square}{\square}$$

$$\textcircled{5} \quad 5 - 3\frac{5}{7} =$$

$$\textcircled{6} \quad 8 - 5\frac{3}{5} =$$

$$\textcircled{7} \quad 8 - 2\frac{17}{19} =$$

$$\textcircled{8} \quad 11 - 4\frac{11}{15} =$$



10 회

대분수의 뺄셈 (분수 부분끼리 뺄 수 없는 경우)

몸풀기



대분수의 뺄셈

$$4\frac{4}{9} - 2\frac{5}{9} = 3\frac{13}{9} - 2\frac{5}{9} = 1\frac{8}{9}$$

1 다음 대분수를 아래와 같이 바꾸어 보세요.

① $2\frac{5}{4} = 1\frac{9}{4}$

$2\frac{5}{6} = 1\frac{\square}{6}$

$2\frac{5}{4} = 1\frac{\square}{4}$

② $2\frac{2}{10} = 1\frac{\square}{10}$

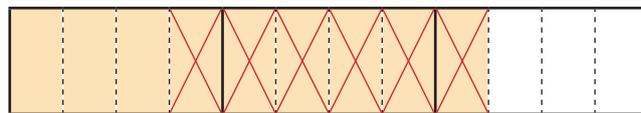
$2\frac{1}{3} = 1\frac{\square}{3}$

$2\frac{5}{8} = 1\frac{\square}{\square}$

2 분수의 뺄셈을 그림을 보면서 풀어보세요.

예시

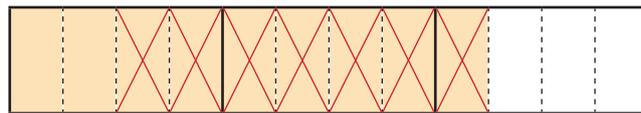
$2\frac{1}{4} - 1\frac{2}{4}$



→ $2\frac{1}{4} - 1\frac{2}{4} = 1\frac{5}{4} - 1\frac{2}{4} = \frac{3}{4}$

①

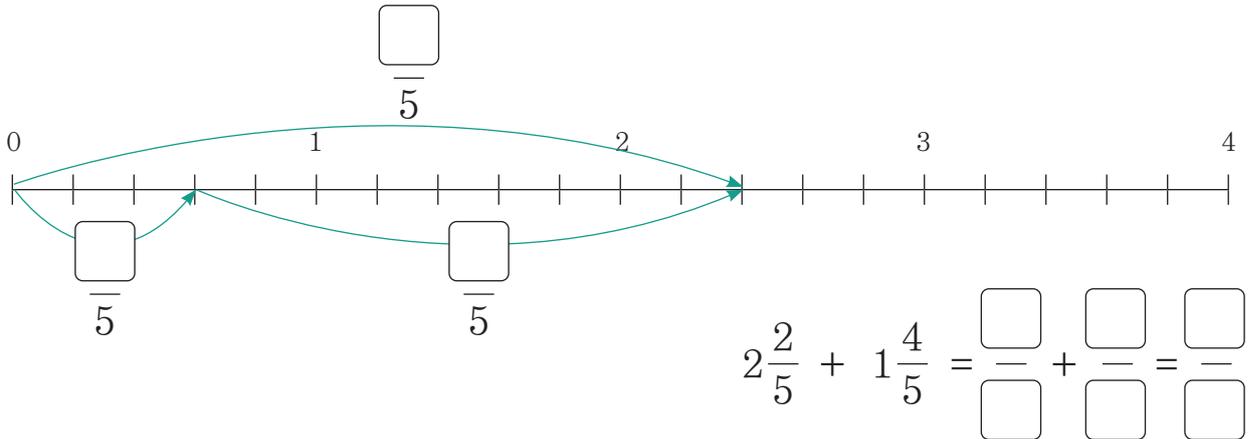
$2\frac{1}{4} - 1\frac{3}{4}$



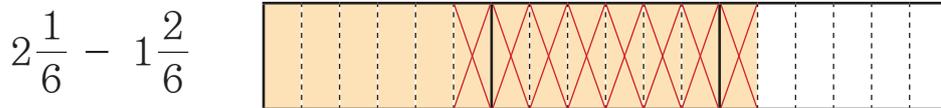
→ $2\frac{1}{4} - 1\frac{3}{4} = \square\frac{\square}{\square} - \square\frac{\square}{\square} = \frac{\square}{\square}$



3 수직선을 이용하여 분수의 뺄셈을 계산해 보세요.



4 빈칸에 알맞은 수를 써보세요.



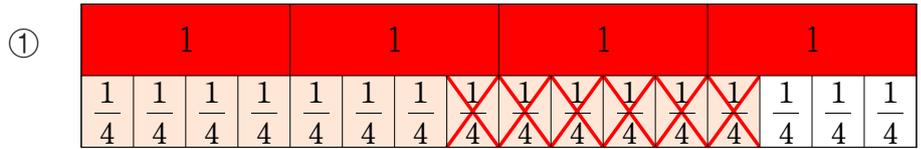
$2\frac{1}{6}$ 는 $\frac{1}{6}$ 이 개, $1\frac{2}{6}$ 는 $\frac{1}{6}$ 이 개이므로

$2\frac{1}{6} - 1\frac{2}{6}$ 는 $\frac{1}{6}$ 이 모두 개입니다.

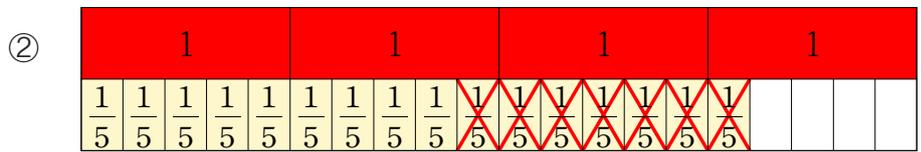
→ $2\frac{1}{6} + 1\frac{2}{6} = \frac{\square}{6} + \frac{\square}{6} = \frac{\square}{6}$



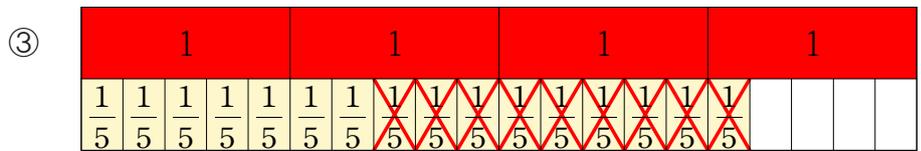
5 분수의 뺄셈을 계산해 보세요.



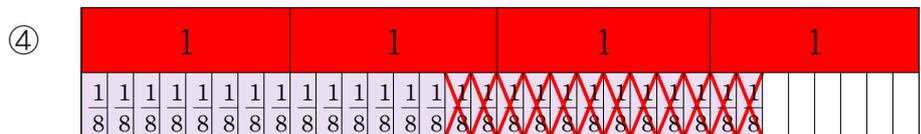
$$3\frac{1}{4} - 1\frac{2}{4} = \square \frac{\square}{4} - \square \frac{\square}{4} = \square \frac{\square}{4}$$



$$3\frac{1}{5} - 1\frac{2}{5} = \square \frac{\square}{5} - \square \frac{\square}{5} = \square \frac{\square}{5}$$



$$3\frac{1}{5} - 1\frac{4}{5} = \square \frac{\square}{5} - \square \frac{\square}{5} = \square \frac{\square}{5}$$



$$3\frac{2}{8} - 1\frac{4}{8} = \square \frac{\square}{8} - \square \frac{\square}{8} = \square \frac{\square}{8}$$



6 분수의 뺄셈을 계산해 보세요.

$$\textcircled{1} \quad 4\frac{4}{9} - 2\frac{4}{9} = \square \frac{\square}{\square} - \square \frac{\square}{\square} = \square \frac{\square}{\square} = \square$$

$$\textcircled{2} \quad 7\frac{4}{7} - 2\frac{6}{7} = \square \frac{\square}{\square} - \square \frac{\square}{\square} = \square \frac{\square}{\square}$$

$$\textcircled{3} \quad 4\frac{4}{8} - 2\frac{7}{8} = \square \frac{\square}{\square} - \square \frac{\square}{\square} = \square \frac{\square}{\square}$$

$$\textcircled{4} \quad 11\frac{5}{9} - 2\frac{8}{9} = \square \frac{\square}{\square} - \square \frac{\square}{\square} = \square \frac{\square}{\square}$$

$$\textcircled{5} \quad 7\frac{8}{13} - 3\frac{12}{13} =$$

$$\textcircled{6} \quad 11\frac{12}{16} - 5\frac{15}{16} =$$

$$\textcircled{7} \quad 8\frac{15}{19} - 3\frac{17}{19} =$$

$$\textcircled{8} \quad 7\frac{13}{21} - 4\frac{19}{21} =$$





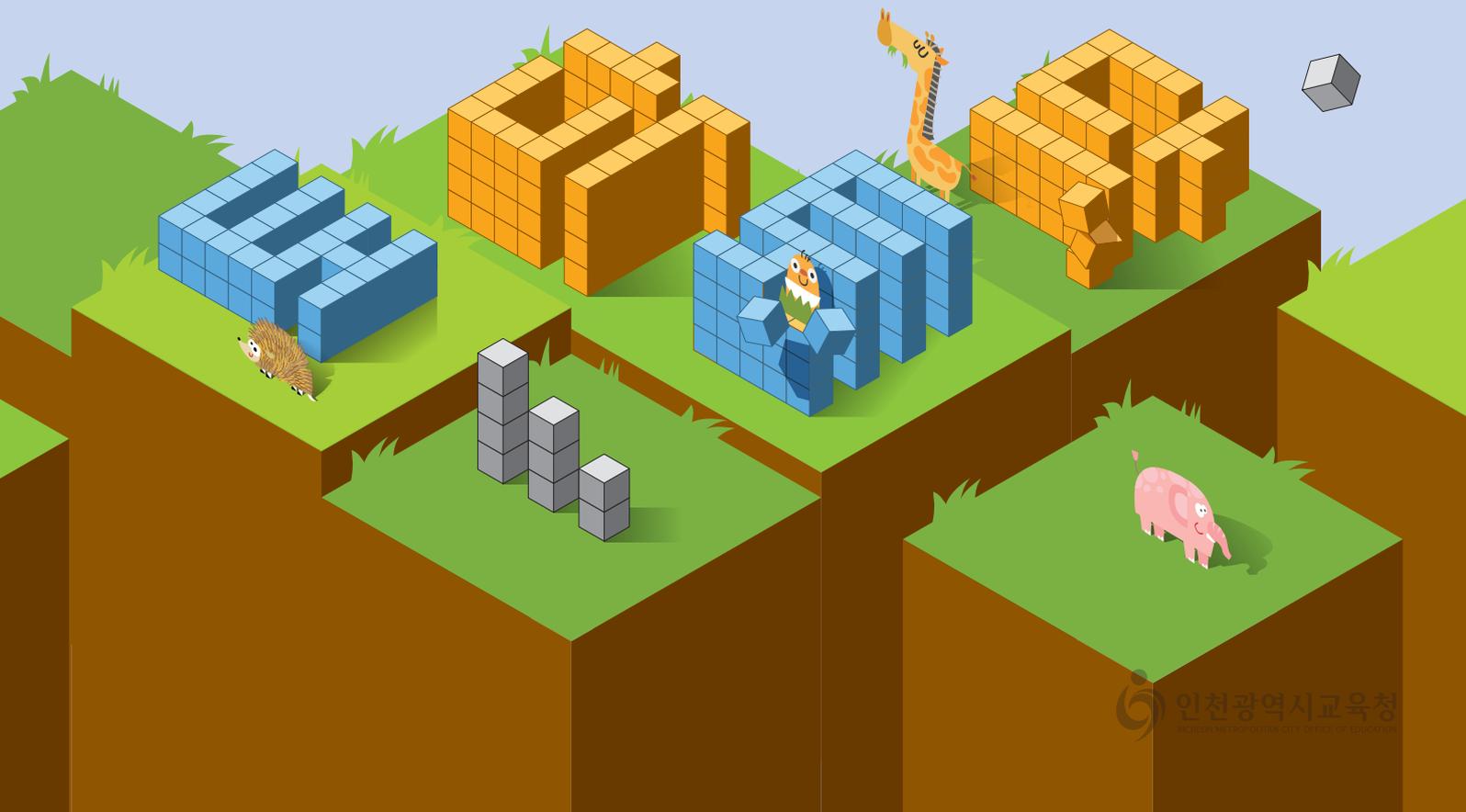
기초가 튼튼해지는

도둑도둑
수학

분수3

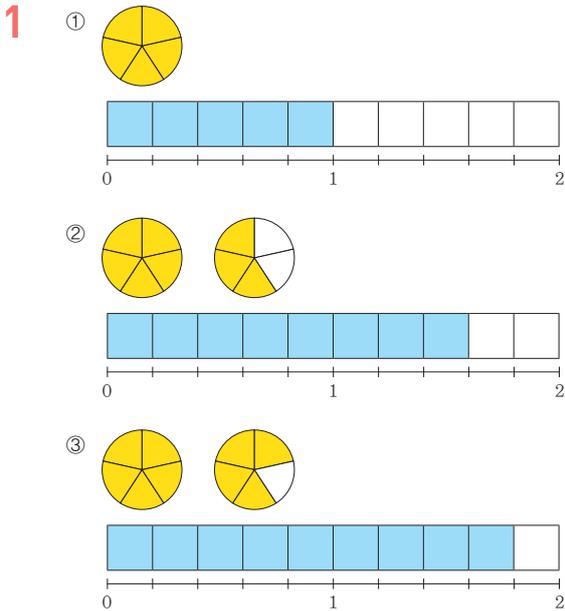
분모가 같은 분수의 덧셈과 뺄셈

정답



1
회

준비하기



2 ① $1\frac{1}{5}, 2\frac{2}{5}$ ② $1\frac{2}{5}, 2\frac{4}{5}$

3

$\frac{6}{4}$	=	$1\frac{2}{4}$
$\frac{8}{4}$	=	2
$\frac{9}{4}$	=	$2\frac{1}{4}$
$\frac{12}{4}$	=	3
$\frac{6}{5}$	=	$1\frac{1}{5}$
$\frac{12}{5}$	=	$2\frac{2}{5}$

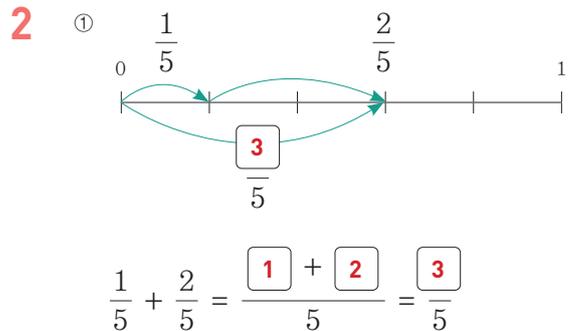
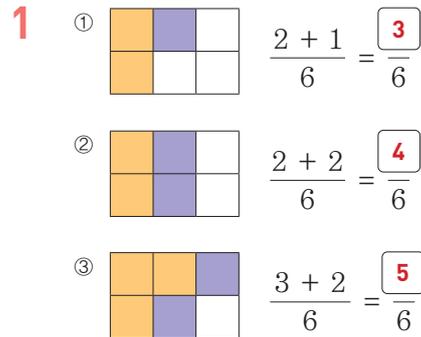
4 ① $1\frac{5}{6}, 2\frac{3}{6}, \frac{9}{6}, \frac{14}{6}$
② $1\frac{3}{8}, 1\frac{4}{8}, 2\frac{2}{8}, \frac{9}{8}, \frac{14}{8}, \frac{20}{8}$

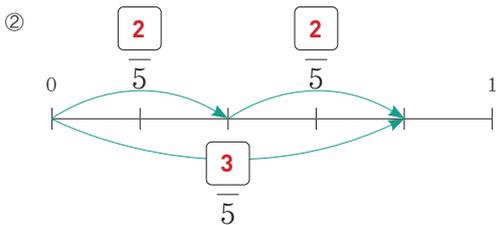
5 ① $2, 1\frac{3}{4}, 2\frac{2}{4}$
② $3\frac{2}{4}, 4\frac{3}{4}, 1\frac{2}{5}$
③ $1\frac{4}{5}, 2\frac{3}{5}, 3\frac{1}{5}$

6 ① <, <, > ② <, <, > ③ <, >, <

2
회

진분수의 덧셈 (1)





$$\frac{2}{5} + \frac{2}{5} = \frac{2+2}{5} = \frac{4}{5}$$

3 2, 3, 5, 2, 3, 5

4

$$\textcircled{1} \frac{1}{4} + \frac{2}{4} = \frac{1+2}{4} = \frac{3}{4}$$

$$\textcircled{2} \frac{1}{5} + \frac{2}{5} = \frac{1+2}{5} = \frac{3}{5}$$

$$\textcircled{3} \frac{2}{6} + \frac{2}{6} = \frac{2+2}{6} = \frac{4}{6}$$

$$\textcircled{4} \frac{3}{7} + \frac{3}{7} = \frac{3+3}{7} = \frac{6}{7}$$

$$\textcircled{5} \frac{3}{8} + \frac{4}{8} = \frac{3+4}{8} = \frac{7}{8}$$

5

$$\textcircled{1} \frac{1}{3} + \frac{1}{3} = \frac{1+1}{3} = \frac{2}{3}$$

$$\textcircled{2} \frac{1}{4} + \frac{2}{4} = \frac{1+2}{4} = \frac{3}{4}$$

$$\textcircled{3} \frac{2}{5} + \frac{2}{5} = \frac{2+2}{5} = \frac{4}{5}$$

$$\textcircled{4} \frac{3}{6} + \frac{1}{6} = \frac{3+1}{6} = \frac{4}{6}$$

$$\textcircled{5} \frac{2}{7} + \frac{3}{7} = \frac{2+3}{7} = \frac{5}{7}$$

$$\textcircled{6} \frac{4}{7} + \frac{2}{7} = \frac{4+2}{7} = \frac{6}{7}$$

$$\textcircled{7} \frac{2}{8} + \frac{4}{8} = \frac{2+4}{8} = \frac{6}{8}$$

$$\textcircled{8} \frac{1}{9} + \frac{6}{9} = \frac{1+6}{9} = \frac{7}{9}$$

$$\textcircled{9} \frac{5}{11} + \frac{3}{11} = \frac{8}{11} \quad \textcircled{10} \frac{6}{12} + \frac{5}{12} = \frac{11}{12}$$

$$\textcircled{11} \frac{5}{13} + \frac{7}{13} = \frac{12}{13} \quad \textcircled{12} \frac{6}{14} + \frac{4}{14} = \frac{10}{14}$$

$$\textcircled{13} \frac{5}{15} + \frac{8}{15} = \frac{13}{15} \quad \textcircled{14} \frac{7}{17} + \frac{2}{17} = \frac{9}{17}$$

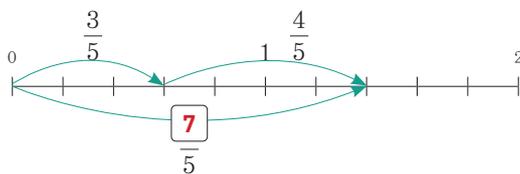
$$\textcircled{15} \frac{11}{20} + \frac{6}{20} = \frac{17}{20} \quad \textcircled{16} \frac{12}{30} + \frac{15}{30} = \frac{27}{30}$$



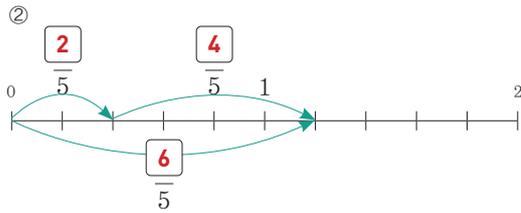
3 진분수의 덧셈 (2)

1 ① 1 ② 1, 2

2



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



$$\frac{2}{5} + \frac{4}{5} = \frac{2+4}{5} = \frac{6}{5} = 1\frac{1}{5}$$

3 3, 7, 10, 3, 7, 1, 1

4 ① $\frac{3}{4} + \frac{3}{4} = \frac{3+3}{4} = \frac{6}{4} = 1\frac{2}{4}$

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

③ $\frac{3}{6} + \frac{5}{6} = \frac{3+5}{6} = \frac{8}{6} = 1\frac{2}{6}$

④ $\frac{6}{7} + \frac{3}{7} = \frac{6+3}{7} = \frac{9}{7} = 1\frac{2}{7}$

⑤ $\frac{6}{8} + \frac{3}{8} = \frac{6+3}{8} = \frac{9}{8} = 1\frac{1}{8}$

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

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

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

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

⑤ $\frac{3}{7} + \frac{6}{7} = \frac{3+6}{7} = \frac{9}{7} = 1\frac{2}{7}$

⑥ $\frac{4}{7} + \frac{5}{7} = \frac{4+5}{7} = \frac{9}{7} = 1\frac{2}{7}$

⑦ $\frac{4}{8} + \frac{5}{8} = \frac{4+5}{8} = \frac{9}{8} = 1\frac{1}{8}$

⑧ $\frac{4}{9} + \frac{7}{9} = \frac{4+7}{9} = \frac{11}{9} = 1\frac{2}{9}$

⑨ $\frac{17}{11} = 1\frac{6}{11}$ ⑩ $\frac{13}{12} = 1\frac{1}{12}$

⑪ $\frac{19}{13} = 1\frac{6}{13}$ ⑫ $\frac{16}{14} = 1\frac{2}{14}$

⑬ $\frac{19}{15} = 1\frac{4}{15}$ ⑭ $\frac{22}{17} = 1\frac{5}{17}$

⑮ $\frac{27}{20} = 1\frac{7}{20}$ ⑯ $\frac{32}{30} = 1\frac{2}{30}$



진분수의 뺄셈

1 ① $\rightarrow \frac{3}{6} - \frac{1}{6} = \frac{3-1}{6} = \frac{2}{6}$

② $\rightarrow \frac{4}{6} - \frac{2}{6} = \frac{4-2}{6} = \frac{2}{6}$

③ $\rightarrow \frac{5}{6} - \frac{2}{6} = \frac{5-2}{6} = \frac{3}{6}$

2 ① 1, 1 ② 1, 1

3 3, 2, 1, 3, 2, 3, 2, 1

4

① $\frac{2}{3} - \frac{1}{3} = \frac{2-1}{3} = \frac{1}{3}$

② $\frac{2}{4} - \frac{1}{4} = \frac{2-1}{4} = \frac{1}{4}$

③ $\frac{3}{5} - \frac{2}{5} = \frac{3-2}{5} = \frac{1}{5}$

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

⑤ $\frac{4}{7} - \frac{3}{7} = \frac{4-3}{7} = \frac{1}{7}$

⑥ $\frac{6}{8} - \frac{3}{8} = \frac{6-3}{8} = \frac{3}{8}$

5

① $\frac{3}{4} - \frac{1}{4} = \frac{3-1}{4} = \frac{2}{4}$

② $\frac{3}{4} - \frac{2}{4} = \frac{3-2}{4} = \frac{1}{4}$

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

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

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

⑥ $\frac{6}{7} - \frac{2}{7} = \frac{6-2}{7} = \frac{4}{7}$

⑦ $\frac{5}{8} - \frac{4}{8} = \frac{5-4}{8} = \frac{1}{8}$

⑧ $\frac{7}{9} - \frac{6}{9} = \frac{7-6}{9} = \frac{1}{9}$

⑨ $\frac{5}{11} - \frac{3}{11} = \frac{2}{11}$

⑩ $\frac{6}{12} - \frac{5}{12} = \frac{1}{12}$

⑪ $\frac{7}{13} - \frac{5}{13} = \frac{2}{13}$

⑫ $\frac{7}{14} - \frac{4}{14} = \frac{3}{14}$

⑬ $\frac{8}{15} - \frac{5}{15} = \frac{3}{15}$

⑭ $\frac{7}{17} - \frac{2}{17} = \frac{5}{17}$

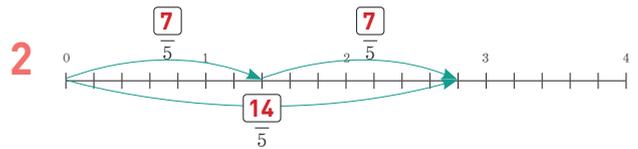
⑮ $\frac{11}{20} - \frac{6}{20} = \frac{5}{20}$

⑯ $\frac{15}{30} - \frac{11}{30} = \frac{4}{30}$



5 대분수의 덧셈 (1)

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



$1\frac{2}{5} + 1\frac{2}{5} = \frac{7}{5} + \frac{7}{5} = \frac{14}{5} = 2\frac{4}{5}$

3 10, 7, 17, 10, 7, 17, 2, 5

4

① $1\frac{1}{4} + 2\frac{2}{4} = 3\frac{1+2}{4} = 3\frac{3}{4}$

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

③ $1\frac{2}{7} + 1\frac{1}{7} = 2\frac{2+1}{7} = 3\frac{3}{7}$

④ $1\frac{2}{8} + 2\frac{1}{8} = 2\frac{2+1}{8} = 2\frac{3}{8}$

5 ① $2\frac{1}{3} + 1\frac{1}{3} = \boxed{3} \frac{1+1}{3} = \boxed{3} \frac{2}{3}$

② $1\frac{2}{4} + 2\frac{1}{4} = \boxed{2} \frac{2+1}{4} = \boxed{2} \frac{3}{4}$

③ $2\frac{2}{5} + 1\frac{2}{5} = \boxed{3} \frac{2+2}{5} = \boxed{3} \frac{4}{5}$

④ $1\frac{3}{6} + 3\frac{1}{6} = \boxed{4} \frac{3+1}{6} = \boxed{4} \frac{4}{6}$

⑤ $3\frac{2}{7} + 2\frac{3}{7} = \boxed{5} \frac{2+3}{7} = \boxed{5} \frac{5}{7}$

⑥ $2\frac{4}{7} + 2\frac{2}{7} = \boxed{4} \frac{4+2}{7} = \boxed{4} \frac{6}{7}$

⑦ $4\frac{2}{8} + 2\frac{4}{8} = \boxed{6} \frac{2+4}{8} = \boxed{6} \frac{6}{8}$

⑧ $3\frac{1}{9} + 4\frac{6}{9} = \boxed{7} \frac{1+6}{9} = \boxed{7} \frac{7}{9}$

⑨ $5\frac{1}{12} + 4\frac{4}{12} = \mathbf{9\frac{5}{12}}$ ⑩ $5\frac{2}{13} + 2\frac{8}{13} = \mathbf{7\frac{10}{13}}$

⑪ $4\frac{2}{15} + 5\frac{3}{15} = \mathbf{9\frac{5}{15}}$ ⑫ $3\frac{3}{16} + 5\frac{5}{16} = \mathbf{8\frac{8}{16}}$

⑬ $2\frac{2}{17} + 4\frac{3}{17} = \mathbf{6\frac{5}{17}}$ ⑭ $4\frac{3}{18} + 4\frac{4}{18} = \mathbf{8\frac{7}{18}}$

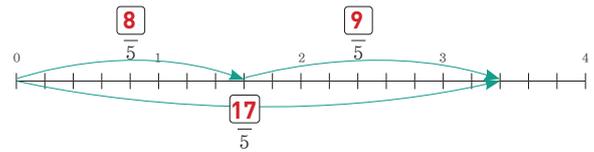
⑮ $5\frac{9}{20} + 5\frac{4}{20} = \mathbf{9\frac{13}{20}}$ ⑯ $5\frac{3}{23} + 4\frac{10}{23} = \mathbf{9\frac{13}{23}}$



6 대분수의 덧셈 (2)

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

2



$1\frac{3}{5} + 1\frac{4}{5} = \frac{\boxed{8}}{5} + \frac{\boxed{9}}{5} = \frac{\boxed{8} + \boxed{9}}{5} = \frac{\boxed{17}}{5} = \boxed{3} \frac{\boxed{2}}{5}$

3 9, 8, 17, 9, 8, 17, 3, 2

4 ① $1\frac{2}{4} + 1\frac{3}{4} = \boxed{2} \frac{2+3}{4} = \boxed{2} + \frac{5}{4} = \boxed{2} + \boxed{1} \frac{\boxed{1}}{4} = \boxed{3} \frac{\boxed{1}}{4}$

① $1\frac{3}{4} + 1\frac{3}{4} = \boxed{2} \frac{3+3}{4} = \boxed{2} + \frac{6}{4} = \boxed{2} + \boxed{1} \frac{\boxed{2}}{4} = \boxed{3} \frac{\boxed{2}}{4}$

① $1\frac{2}{4} + 2\frac{3}{4} = \boxed{3} \frac{2+3}{4} = \boxed{3} + \frac{5}{4} = \boxed{3} + \boxed{1} \frac{\boxed{1}}{4} = \boxed{4} \frac{\boxed{1}}{4}$

① $1\frac{3}{4} + 2\frac{3}{4} = \boxed{3} \frac{3+3}{4} = \boxed{3} + \frac{6}{4} = \boxed{3} + \boxed{1} \frac{\boxed{2}}{4} = \boxed{4} \frac{\boxed{2}}{4}$

5 ① $2\frac{2}{3} + 2\frac{2}{3} = \boxed{4} \frac{2+2}{3} = \boxed{4} + \boxed{1} \frac{\boxed{1}}{3} = \boxed{5} \frac{\boxed{1}}{3}$

① $1\frac{3}{4} + 3\frac{3}{4} = \boxed{4} \frac{3+3}{4} = \boxed{4} + \boxed{1} \frac{\boxed{2}}{4} = \boxed{5} \frac{\boxed{2}}{4}$

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

① $4\frac{5}{7} + 2\frac{4}{7} = \boxed{6} \frac{5+4}{7} = \boxed{6} + \boxed{1} \frac{\boxed{2}}{7} = \boxed{7} \frac{\boxed{2}}{7}$

① $5\frac{9}{12} + 4\frac{4}{12} = \mathbf{10\frac{1}{12}}$

① $4\frac{2}{15} + 5\frac{8}{15} = \mathbf{8\frac{5}{15}}$

① $3\frac{15}{17} + 3\frac{8}{17} = \mathbf{7\frac{6}{17}}$

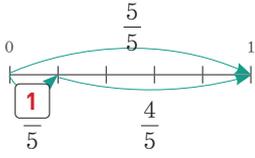
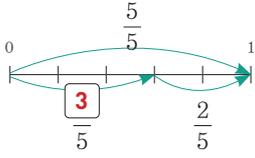
① $5\frac{9}{20} + 5\frac{16}{20} = \mathbf{11\frac{5}{20}}$

7 회

자연수와 진분수의 뺄셈

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

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

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

4 6, 4, 2, 6, 4, 6, 4, 2

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

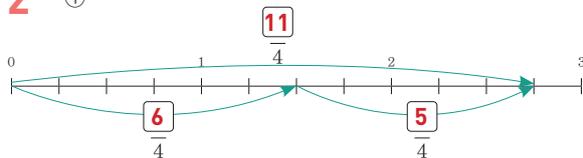
6 ① $1 - \frac{4}{7} = \frac{7}{7} - \frac{4}{7} = \frac{7-4}{7} = \frac{3}{7}$
 ② $1 - \frac{7}{11} = \frac{11}{11} - \frac{7}{11} = \frac{11-7}{11} = \frac{4}{11}$
 ③ $1 - \frac{5}{13} = \frac{13}{13} - \frac{5}{13} = \frac{13-5}{13} = \frac{8}{13}$
 ④ $1 - \frac{8}{17} = \frac{17}{17} - \frac{7}{17} = \frac{17-8}{17} = \frac{9}{17}$
 ⑤ $1 - \frac{4}{20} = \frac{20}{20} - \frac{4}{20} = \frac{20-4}{20} = \frac{16}{20}$
 ⑥ $1 - \frac{3}{11} = \frac{11}{11} - \frac{3}{11} = \frac{11-3}{11} = \frac{8}{11}$
 ⑦ $1 - \frac{12}{15} = \frac{15}{15} - \frac{12}{15} = \frac{15-12}{15} = \frac{3}{15}$
 ⑧ $1 - \frac{6}{23} = \frac{23}{23} - \frac{6}{23} = \frac{23-6}{23} = \frac{17}{23}$



8 대분수의 뺄셈 (분수 부분끼리 뺄 수 있는 경우)

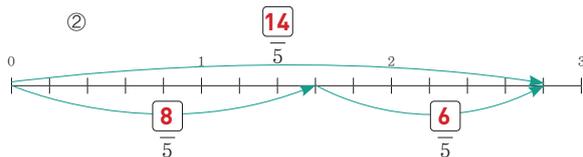
$$1 \quad 2\frac{2}{3} - 1\frac{1}{3} = (2-1) + (\frac{2}{3} - \frac{1}{3}) = 1 + \frac{1}{3} = 1\frac{1}{3}$$

2 ①



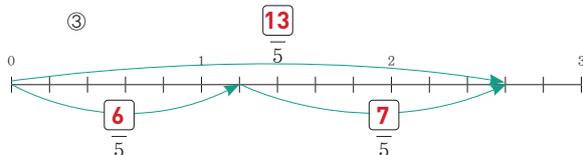
$$2\frac{2}{3} - 1\frac{1}{3} = (2-1) + (\frac{3}{3} - \frac{1}{3}) = 1 + \frac{2}{3} = 1\frac{2}{3}$$

②



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

③



$$2\frac{3}{5} - 1\frac{2}{5} = (2-1) + (\frac{3}{5} - \frac{2}{5}) = 1 + \frac{1}{5} = 1\frac{1}{5}$$

3

$$① \quad 3\frac{3}{4} - 1\frac{1}{4} = (3-1) + (\frac{3}{4} - \frac{1}{4}) = 2 + \frac{2}{4} = 2\frac{2}{4}$$

$$② \quad 3\frac{3}{4} - 1\frac{1}{4} = (3-1) + (\frac{3}{4} - \frac{1}{4}) = 2 + \frac{2}{4} = 2\frac{2}{4}$$

$$③ \quad 3\frac{4}{5} - 2\frac{1}{5} = (3-2) + (\frac{4}{5} - \frac{1}{5}) = 1 + \frac{3}{5} = 1\frac{3}{5}$$

$$④ \quad 2\frac{4}{8} - 1\frac{1}{8} = (2-1) + (\frac{4}{8} - \frac{1}{8}) = 1 + \frac{3}{8} = 1\frac{3}{8}$$

4

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

$$① \quad 7\frac{3}{5} - 1\frac{1}{5} = (7-1) + (\frac{3}{5} - \frac{1}{5}) = 6 + \frac{2}{5} = 6\frac{2}{5}$$

$$① \quad 7\frac{4}{11} - 2\frac{3}{11} = (7-2) + (\frac{4}{11} - \frac{3}{11}) = 5 + \frac{1}{11} = 5\frac{1}{11}$$

$$① \quad 6\frac{4}{20} - 2\frac{1}{20} = (6-2) + (\frac{4}{20} - \frac{1}{20}) = 4 + \frac{3}{20} = 4\frac{3}{20}$$

$$① \quad 8\frac{8}{13} - 4\frac{4}{13} = (8-4) + (\frac{8}{13} - \frac{4}{13}) = 4 + \frac{4}{13} = 4\frac{4}{13}$$

$$① \quad 7\frac{12}{16} - 5\frac{7}{16} = (7-5) + (\frac{12}{16} - \frac{7}{16}) = 2 + \frac{5}{16} = 2\frac{5}{16}$$

$$① \quad 8\frac{15}{19} - 2\frac{8}{19} = (8-2) + (\frac{15}{19} - \frac{8}{19}) = 6 + \frac{7}{19} = 6\frac{7}{19}$$

$$① \quad 15\frac{19}{21} - 5\frac{3}{21} = (15-5) + (\frac{19}{21} - \frac{3}{21}) = 10 + \frac{16}{21} = 10\frac{16}{21}$$



9 자연수와 대분수의 뺄셈

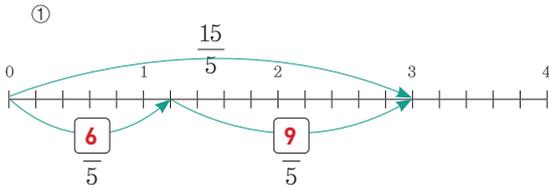
$$1 \quad ① \quad 1, 1, 2\frac{2}{4}$$

$$② \quad 2\frac{3}{4}, 3\frac{1}{4}, 1\frac{1}{5}$$

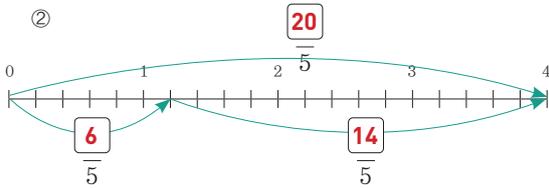
$$③ \quad \frac{4}{3}, \frac{5}{3}, \frac{8}{3}$$

$$2 \quad 2\frac{1}{4}$$

3



$$3 - 1\frac{4}{5} = \frac{15}{5} - \frac{9}{5} = \frac{6}{5} = 1\frac{1}{5}$$



$$4 - 2\frac{4}{5} = \frac{20}{5} - \frac{14}{5} = \frac{6}{5} = 1\frac{1}{5}$$

4 18, 7, 11, 18, 7, 11, $1\frac{5}{6}$

5

$$\textcircled{1} 4 - 2\frac{2}{4} = 3\frac{4}{4} - 2\frac{2}{4} = 1\frac{2}{4}$$

$$\textcircled{2} 4 - 1\frac{2}{5} = 3\frac{5}{5} - 1\frac{2}{5} = 2\frac{3}{5}$$

$$\textcircled{3} 4 - 1\frac{4}{5} = 3\frac{5}{5} - 1\frac{4}{5} = 2\frac{1}{5}$$

$$\textcircled{4} 3 - 1\frac{2}{8} = 2\frac{8}{8} - 1\frac{2}{8} = 1\frac{6}{8}$$

6

$$\textcircled{1} 2 - 1\frac{4}{5} = 1\frac{5}{5} - 1\frac{4}{5} = 1\frac{1}{5}$$

$$\textcircled{2} 3 - 1\frac{4}{5} = 2\frac{5}{5} - 1\frac{4}{5} = 1\frac{1}{5}$$

$$\textcircled{3} 4 - 1\frac{3}{7} = 3\frac{7}{7} - 1\frac{3}{7} = 2\frac{4}{7}$$

$$\textcircled{4} 6 - 2\frac{2}{5} = 5\frac{5}{5} - 2\frac{2}{5} = 3\frac{3}{5}$$

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

$$\textcircled{6} 8 - 5\frac{3}{5} = 7\frac{5}{5} - 5\frac{3}{5} = 2\frac{2}{5}$$

$$\textcircled{7} 8 - 2\frac{17}{19} = 7\frac{19}{19} - 2\frac{17}{19} = 5\frac{2}{19}$$

$$\textcircled{8} 11 - 4\frac{11}{15} = 10\frac{15}{15} - 4\frac{11}{15} = 6\frac{4}{15}$$

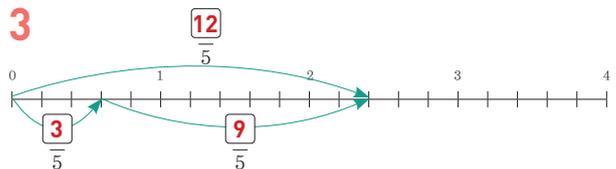


10 대분수의 뺄셈
(분수 부분끼리 뺄 수 없는 경우)

1 $\textcircled{1}$ 11, 9

$\textcircled{2}$ 12, 4, $\frac{13}{8}$

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



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

4 13, 8, 5, 13, 8, 5

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

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

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

④ $3\frac{2}{8} - 1\frac{4}{8} = 2\frac{10}{8} - 1\frac{4}{8} = 1\frac{6}{8}$

6 ① $4\frac{4}{9} - 2\frac{4}{9} = 3\frac{13}{9} - 2\frac{4}{9} = 1\frac{9}{9} = 2$

② $7\frac{4}{7} - 2\frac{6}{7} = 6\frac{11}{7} - 2\frac{6}{7} = 4\frac{5}{7}$

③ $4\frac{4}{8} - 2\frac{7}{8} = 3\frac{12}{8} - 2\frac{7}{8} = 1\frac{5}{8}$

④ $11\frac{5}{9} - 2\frac{8}{9} = 10\frac{14}{9} - 2\frac{8}{9} = 8\frac{6}{9}$

⑤ $7\frac{8}{13} - 3\frac{12}{13} = 6\frac{21}{13} - 3\frac{12}{13} = 3\frac{9}{13}$

⑥ $11\frac{12}{16} - 5\frac{15}{16} = 10\frac{28}{16} - 5\frac{15}{16} = 5\frac{13}{16}$

⑦ $8\frac{15}{19} - 3\frac{17}{19} = 7\frac{34}{19} - 2\frac{17}{19} = 5\frac{17}{19}$

⑧ $7\frac{13}{21} - 4\frac{19}{21} = 6\frac{34}{21} - 4\frac{19}{21} = 2\frac{15}{21}$







기초가 튼튼해지는
도둑도둑 수학 **분수3**

분모가 같은 분수의 덧셈과 뺄셈

총괄

김광석 인천광역시교육청 초등교육과 과장

기획

남유미 인천광역시교육청 기초학력·인성교육팀 장학관
서희정 인천광역시교육청 기초학력·인성교육팀 장학사

집필진

초등수리력연구회

발행일 2025년 12월

발행인 인천광역시교육감

발행처 인천광역시교육청

* 교육용 교재 활용 이외에 저작권자 및 출판권자 동의 없이 무단복제 및 인쇄·배포는 금합니다.



기초가 튼튼해지는

도둑도둑
수학

분수3

분모가 같은 분수의 덧셈과 뺄셈

