



1

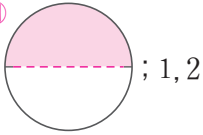
분수의 나눗셈 (1)

01

1 ÷ (자연수)

8~9쪽

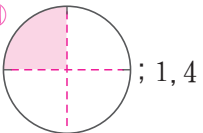
1. 예



2. 예



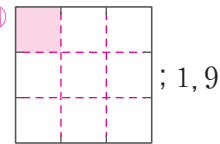
3. 예



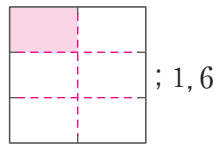
4. 예



5. 예



6. 예



7. $\frac{1}{10}$

8. $\frac{1}{11}$

9. $\frac{1}{8}$

10. $\frac{1}{13}$

11. $\frac{1}{12}$

12. $\frac{1}{15}$

13. $\frac{1}{14}$

14. $\frac{1}{17}$

15. $\frac{1}{16}$

16. $\frac{1}{18}$

수수께끼 잠을 못 자는 신데렐라는 ; 모짜렐라

02

몫이 1보다 작은
(자연수) ÷ (자연수)

10~11쪽

1. 2

2. 4, 1

3. $\frac{5}{8}$

4. $\frac{9}{11}$

5. $\frac{15}{19}$

6. $\frac{8}{13}$

7. $\frac{17}{21}$

8. $\frac{6}{17}$

9. $\frac{5}{11}$

10. $\frac{23}{25}$

11. $\frac{2}{9}$

12. $\frac{3}{14}$

13. $\frac{4}{7}$

14. $\frac{5}{12}$

15. $\frac{3}{7}$

16. $\frac{1}{3}$

17. $\frac{2}{5}$

18. $\frac{3}{8}$

19. $\frac{5}{6}$

20. $\frac{11}{17}$

21. $\frac{12}{17}$

수수께끼 발은 발인데 향기나는 발은 ; 꽃다발

03

몫이 1보다 큰
(자연수) ÷ (자연수) (1)

12~13쪽

1. $1\frac{1}{3}$

2. $2\frac{1}{2}$

3. $1\frac{1}{2}$

4. $1\frac{1}{5}$

5. $2\frac{1}{3}$

6. $2\frac{2}{5}$

7. $1\frac{2}{7}$

8. $1\frac{2}{9}$

9. $2\frac{2}{3}$

10. $1\frac{2}{5}$

11. $2\frac{1}{4}$

12. $1\frac{4}{5}$

13. $3\frac{1}{4}$

14. $1\frac{5}{6}$

15. $1\frac{3}{8}$

16. $1\frac{5}{7}$

17. $2\frac{3}{5}$

18. $2\frac{3}{4}$

19. $2\frac{1}{7}$

20. $2\frac{4}{7}$

21. $2\frac{5}{9}$

22. $2\frac{5}{6}$

13번

04

몫이 1보다 큰
(자연수) ÷ (자연수) (2)

14~15쪽

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

2. $7, 2\frac{1}{3}$

3. $3\frac{1}{4}$

4. $2\frac{5}{6}$

5. $1\frac{7}{8}$

6. $4\frac{2}{3}$

7. $3\frac{4}{9}$

8. $3\frac{3}{11}$

9. $2\frac{6}{7}$

10. $2\frac{13}{16}$

11. $4\frac{4}{5}$

12. $2\frac{1}{3}$

13. $2\frac{1}{2}$

14. $2\frac{6}{7}$

15. $3\frac{7}{8}$

16. $3\frac{5}{9}$

17. $2\frac{9}{10}$

18. $4\frac{2}{7}$

19. $3\frac{1}{4}$

20. $3\frac{2}{3}$

연상퀴즈 조선시대, 과학자, 해시계 ; 장영실

**05** 분자가 자연수의 배수인
(진분수)÷(자연수)**16~17쪽**

1. 8, 4, 2
2. 6, 3, 2
3. 9, 3, 3
4. 6, 2, 3
5. 12, 4, 3, 13
6. 10, 2, 5, 11
7. 15, 3, 5, 16
8. 10, 5, 2, 13
9. $8, 4, \frac{2}{9}$
10. $12, 4, \frac{3}{13}$
11. $6, 3, \frac{2}{7}$
12. $16, 8, \frac{2}{25}$
13. $15, 5, \frac{3}{19}$
14. $14, 7, \frac{2}{15}$
15. $20, 4, \frac{5}{21}$
16. $21, 3, \frac{7}{23}$

06 분자가 자연수의 배수가 아닌
(진분수)÷(자연수)**18~19쪽**

1. $12, 12, 2, \frac{1}{9}$
2. 15, 15, 5
3. 30, 30, 6
4. 40, 40, 8
5. 20, 20, 5
6. $\frac{15}{18} \div 3 = \frac{15 \div 3}{18} = \frac{5}{18}$
7. $\frac{28}{40} \div 4 = \frac{28 \div 4}{40} = \frac{7}{40}$
8. $\frac{14}{18} \div 2 = \frac{14 \div 2}{18} = \frac{7}{18}$
9. $\frac{36}{40} \div 4 = \frac{36 \div 4}{40} = \frac{9}{40}$
10. $\frac{20}{45} \div 5 = \frac{20 \div 5}{45} = \frac{4}{45}$
11. $\frac{20}{32} \div 4 = \frac{20 \div 4}{32} = \frac{5}{32}$
12. $\frac{28}{48} \div 4 = \frac{28 \div 4}{48} = \frac{7}{48}$
13. $\frac{6}{26} \div 2 = \frac{6 \div 2}{26} = \frac{3}{26}$

07 집중 연산 **A****20~21쪽**

(위부터)

1. $\frac{4}{45}, 1\frac{2}{3}$
2. $\frac{3}{13}, 1\frac{3}{4}$
3. $\frac{4}{21}, \frac{2}{17}$
4. $\frac{4}{21}, \frac{3}{20}$
5. $\frac{6}{7}, \frac{4}{63}$
6. $\frac{1}{15}, \frac{2}{39}$
7. $\frac{3}{22}, \frac{1}{21}$
8. $\frac{2}{25}$
9. $2\frac{1}{7}, 1\frac{2}{3}$
10. $\frac{3}{17}, \frac{2}{17}$
11. $\frac{2}{21}, \frac{4}{21}$
12. $\frac{2}{15}, \frac{2}{35}$
13. $\frac{1}{14}, \frac{1}{21}$
14. $\frac{2}{9}, \frac{4}{45}$
15. $\frac{1}{11}, \frac{5}{44}$

08 집중 연산 **B****22~23쪽**

1. $\frac{1}{11}$
2. $\frac{1}{16}$
3. $\frac{5}{7}$
4. $2\frac{3}{5}$
5. $5\frac{2}{5}$
6. $3\frac{1}{6}$
7. $\frac{7}{48}$
8. $\frac{5}{54}$
9. $\frac{5}{16}$
10. $\frac{1}{15}$
11. $\frac{3}{17}$
12. $\frac{4}{63}$
13. $\frac{3}{64}$
14. $\frac{5}{56}$
15. $\frac{2}{13}$
16. $\frac{3}{35}$
17. $\frac{3}{56}$
18. $\frac{5}{81}$
19. $\frac{4}{15}$
20. $\frac{2}{45}$
21. $\frac{2}{23}$
22. $\frac{5}{24}$
23. $\frac{2}{15}$
24. $\frac{2}{25}$
25. $\frac{7}{30}$
26. $\frac{4}{19}$
27. $\frac{2}{9}$
28. $\frac{1}{12}$

2

분수의 나눗셈 (2)

01

(진분수)÷(자연수)를
분수의 곱셈으로 나타내기

26~27쪽

1. 1, 24
2. 3, 35
3. $\frac{6}{35}$
4. $\frac{4}{45}$
5. $\frac{3}{28}$
6. $\frac{3}{20}$
7. $\frac{1}{32}$
8. $\frac{3}{34}$
9. $\frac{2}{45}$
10. $\frac{2}{39}$
11. NO에 ☐표, $\frac{7}{50}$
12. YES에 ☐표
13. NO에 ☐표, $\frac{2}{21}$
14. YES에 ☐표
15. YES에 ☐표
16. YES에 ☐표
17. YES에 ☐표
18. NO에 ☐표, $\frac{3}{50}$

02

(가분수)÷(자연수)를
분수의 곱셈으로 나타내기

28~29쪽

1. 7, 20
2. 9
3. $\frac{11}{24}$
4. $\frac{7}{18}$
5. $\frac{13}{20}$
6. $\frac{7}{18}$
7. $\frac{25}{48}$
8. $\frac{3}{17}$
9. $\frac{4}{15}$
10. $\frac{10}{63}$
11. $\frac{7}{12}$
12. $\frac{9}{20}$
13. $\frac{25}{54}$
14. $\frac{9}{22}$
15. $\frac{4}{15}$
16. $\frac{9}{14}$
17. $\frac{7}{36}$
18. $\frac{3}{8}$

ICE CREAM(아이스크림) ; 김성우

03

(대분수)÷(자연수)(1)

30~31쪽

1. 5, 7
2. $1\frac{5}{8}$
3. $\frac{2}{5}$
4. $\frac{2}{9}$
5. $1\frac{1}{4}$
6. $\frac{5}{6}$
7. $\frac{2}{5}$
8. $1\frac{7}{9}$
9. $\frac{9}{10}$
10. $1\frac{6}{7}$
11. $\frac{4}{7}, \frac{4}{7}$
12. $\frac{7}{15}, \frac{7}{15}$
13. $1\frac{1}{20} \div 3 = \frac{7}{20}; \frac{7}{20}$
14. $7\frac{1}{9} \div 16 = \frac{4}{9}; \frac{4}{9}$
15. $2\frac{4}{5} \div 7 = \frac{2}{5}; \frac{2}{5}$
16. $4\frac{3}{8} \div 7 = \frac{5}{8}; \frac{5}{8}$
17. $6\frac{3}{7} \div 9 = \frac{5}{7}; \frac{5}{7}$
18. $9\frac{9}{10} \div 11 = \frac{9}{10}; \frac{9}{10}$

04

(대분수)÷(자연수)(2)

32~33쪽

1. $1\frac{9}{10}$
2. $\frac{7}{8}$
3. $\frac{23}{84}$
4. $\frac{9}{16}$
5. $\frac{7}{55}$
6. $\frac{13}{40}$
7. $\frac{3}{52}$
8. $1\frac{3}{11}$
9. $\frac{15}{64}$
10. $\frac{7}{30}$
11. $\frac{15}{52}$
12. $\frac{12}{35}$
13. $\frac{31}{42}$
14. $\frac{43}{150}$
15. $\frac{6}{35}$
16. $\frac{5}{48}$
17. $\frac{31}{126}$
18. $\frac{11}{27}$



05 집중 연산 A

34~35쪽

(위부터)

1. $\frac{5}{21}, \frac{3}{5}$

2. $\frac{6}{13}, \frac{4}{7}$

3. $\frac{7}{9}, \frac{2}{17}$

4. $1\frac{6}{7}, \frac{7}{20}$

5. $\frac{9}{10}, 1\frac{1}{6}$

6. $1\frac{2}{5}, \frac{5}{13}$

7. $1\frac{7}{11}, \frac{5}{7}$

8. $\frac{7}{27}$

9. $\frac{9}{14}, \frac{1}{2}$

10. $\frac{23}{34}, \frac{23}{85}$

11. $\frac{13}{28}, \frac{13}{42}$

12. $1\frac{2}{5}, \frac{3}{5}$

13. $\frac{36}{49}, \frac{18}{35}$

14. $3\frac{1}{3}, \frac{5}{6}$

15. $1\frac{1}{11}, \frac{2}{11}$

06 집중 연산 B

36~37쪽

1. $\frac{17}{24}$

2. $\frac{3}{4}$

3. $\frac{38}{81}$

4. $\frac{13}{20}$

5. $1\frac{4}{5}$

6. $\frac{19}{30}$

7. $\frac{6}{35}$

8. $\frac{9}{40}$

9. $\frac{3}{64}$

10. $\frac{4}{9}$

11. $\frac{3}{68}$

12. $\frac{3}{5}$

13. $\frac{3}{128}$

14. $\frac{5}{84}$

15. $1\frac{1}{3}$

16. $\frac{5}{8}$

17. $\frac{3}{5}$

18. $\frac{9}{20}$

19. $1\frac{3}{8}$

20. $1\frac{5}{6}$

21. $\frac{4}{21}$

22. $2\frac{7}{8}$

23. $\frac{7}{30}$

24. $1\frac{3}{4}$

25. $1\frac{9}{10}$

26. $\frac{8}{45}$

27. $\frac{17}{27}$

28. $2\frac{5}{6}$

3

분수의 곱셈과 나눗셈

01

(진분수) ÷ (자연수) × (자연수)

40~41쪽

1. $4, 1\frac{1}{3}$

2. $8, 2\frac{2}{3}$

3. $\frac{1}{14}$

4. $\frac{20}{21}$

5. $1\frac{1}{5}$

6. $1\frac{1}{7}$

7. $\frac{5}{9}$

8. $3\frac{1}{2}$

9. $\frac{1}{6}$

10. $\frac{21}{25}$

11. $\frac{4}{7}$

12. $\frac{1}{8}$

13. $\frac{1}{3}$

14. $1\frac{1}{2}$

15. $1\frac{3}{25}$

16. $\frac{4}{9}$

17. $1\frac{1}{14}$

18. $1\frac{1}{4}$

4개

02

(대분수) ÷ (자연수) × (자연수)

42~43쪽

1. $3, 1\frac{1}{2}$

2. 19, 19

3. $3\frac{1}{9}$

4. $\frac{4}{7}$

5. 3

6. $2\frac{1}{4}$

7. $3\frac{1}{2}$

8. $6\frac{3}{4}$

9. $3\frac{1}{5}$

10. $\frac{3}{5}$

11. $\frac{2}{9}$

12. $1\frac{7}{8}$

13. $2\frac{2}{5}$

14. $1\frac{1}{8}$

15. $\frac{4}{7}$

16. $2\frac{2}{3}$

17. $5\frac{1}{3}$

18. $\frac{2}{3}$

19. $1\frac{1}{2}$

스	$\frac{2}{3}$	케	$\frac{2}{5}$	파	$\frac{2}{9}$	행	$\frac{4}{7}$
이	$1\frac{1}{4}$	파	$1\frac{1}{8}$	게	$\frac{7}{8}$	거	$1\frac{1}{2}$
바	$2\frac{2}{5}$	차	$2\frac{2}{3}$	타	$5\frac{1}{3}$	크	$5\frac{1}{4}$

; 케이크

03 (진분수)×(자연수)÷(자연수)**44~45쪽**

1. $4, 3, 1\frac{1}{3}$
2. $3, \frac{8}{9}$
3. $1\frac{1}{3}$
4. $\frac{3}{16}$
5. $\frac{2}{9}$
6. $\frac{1}{5}$
7. $\frac{1}{4}$
8. $1\frac{13}{15}$
9. $3\frac{3}{7}$
10. $\frac{16}{21}$
11. $\frac{2}{3}$
12. $2\frac{4}{5}$
13. $2\frac{1}{2}$
14. $\frac{2}{5}$
15. $\frac{1}{4}$
16. $\frac{1}{5}$
17. $1\frac{3}{5}$
18. $3\frac{1}{3}$
19. $\frac{4}{9}$
20. $1\frac{1}{2}$

수수께끼 누구나 즐겁게 읽는 글은 ; 싱글벙글**04** (대분수)×(자연수)÷(자연수)**46~47쪽**

1. $11, 3, 22, 2\frac{4}{9}$
2. $\frac{1}{3}$
3. $\frac{6}{7}$
4. $\frac{4}{5}$
5. $4\frac{1}{2}$
6. $5\frac{1}{3}$
7. $4\frac{1}{2}$
8. $1\frac{1}{3}$
9. $\frac{3}{4}$
10. $1\frac{1}{5}$
11. $\frac{2}{7}$
12. $1\frac{1}{2}$
13. $1\frac{7}{9}$
14. $\frac{3}{4}$
15. $1\frac{1}{3}$
16. $3\frac{2}{3}$
17. $\frac{18}{25}$

연상퀴즈 지폐, 만 원, 한글 ; 세종대왕**05** (진분수)÷(자연수)÷(자연수)**48~49쪽**

1. $5, 3, 40$
2. $3, 30$
3. $\frac{1}{56}$
4. $\frac{7}{144}$
5. $\frac{2}{135}$
6. $\frac{1}{80}$
7. $\frac{3}{64}$
8. $\frac{2}{45}$
9. $\frac{1}{63}$
10. $\frac{1}{150}$
11. $\frac{1}{24}$
12. $\frac{1}{11}$
13. $\frac{1}{54}$
14. $\frac{1}{13}$
15. $\frac{1}{17}$
16. $\frac{1}{45}$
17. $\frac{1}{42}$
18. $\frac{1}{38}$
19. $\frac{1}{88}$
20. $\frac{1}{25}$

수수께끼 깨뜨리고 칭찬 받는 것은 ; 신기록

$$3. \frac{5}{7} \div 10 \div 4 = \frac{\cancel{5}^1}{7} \times \frac{1}{\cancel{10}_2} \times \frac{1}{4} = \frac{1}{56}$$

$$4. \frac{7}{8} \div 3 \div 6 = \frac{7}{8} \times \frac{1}{3} \times \frac{1}{6} = \frac{7}{144}$$

$$5. \frac{4}{9} \div 6 \div 5 = \frac{\cancel{4}^2}{9} \times \frac{1}{\cancel{6}_3} \times \frac{1}{5} = \frac{2}{135}$$

$$6. \frac{9}{10} \div 4 \div 18 = \frac{\cancel{9}^1}{10} \times \frac{1}{4} \times \frac{1}{\cancel{18}_2} = \frac{1}{80}$$

$$7. \frac{15}{16} \div 5 \div 4 = \frac{\cancel{15}^3}{16} \times \frac{1}{\cancel{5}_1} \times \frac{1}{4} = \frac{3}{64}$$

$$8. \frac{8}{15} \div 4 \div 3 = \frac{\cancel{8}^2}{15} \times \frac{1}{\cancel{4}_1} \times \frac{1}{3} = \frac{2}{45}$$

$$9. \frac{20}{21} \div 12 \div 5 = \frac{\cancel{20}^1}{21} \times \frac{1}{\cancel{12}_3} \times \frac{1}{\cancel{5}_1} = \frac{1}{63}$$

$$10. \frac{18}{25} \div 12 \div 9 = \frac{\cancel{18}^1}{25} \times \frac{1}{\cancel{12}_2} \times \frac{1}{\cancel{9}_3} = \frac{1}{150}$$



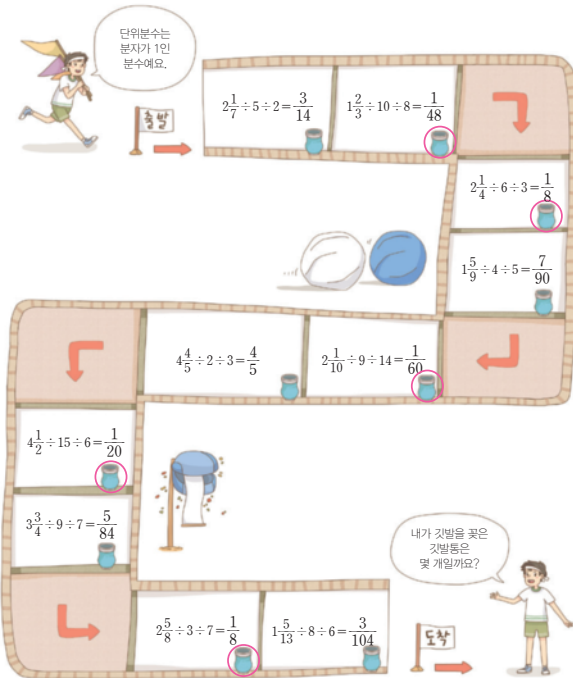
06

(대분수)÷(자연수)÷(자연수)

50~51쪽

1. 8, 3, 15
2. 9, 3, 14
3. $\frac{13}{160}$
4. $\frac{2}{27}$
5. $\frac{5}{66}$
6. $\frac{1}{14}$
7. $\frac{1}{48}$
8. $\frac{13}{81}$
9. $\frac{1}{39}$
10. $\frac{1}{50}$
11. 풀이 참조

5개



07

집중 연산 A

52~53쪽

1. $2\frac{1}{4}$
2. 2
3. $\frac{1}{6}$
4. $1\frac{1}{3}$
5. $\frac{1}{32}$
6. $\frac{1}{8}$
7. $\frac{2}{3}$
8. $1\frac{5}{7}$
9. $\frac{1}{9}$
10. $\frac{3}{28}$
11. $\frac{5}{8}, 1\frac{2}{3}$
12. $2\frac{2}{7}, 1\frac{1}{3}$
13. $\frac{9}{20}, \frac{1}{6}$
14. $2\frac{1}{3}, 2$
15. $\frac{1}{64}, \frac{1}{33}$
16. $\frac{1}{56}, \frac{7}{100}$
17. $\frac{1}{88}, \frac{4}{9}$
18. $\frac{2}{3}, 1\frac{1}{8}$

08

집중 연산 B

54~55쪽

1. $\frac{7}{8}$
2. $\frac{1}{6}$
3. $\frac{1}{5}$
4. $\frac{1}{2}$
5. $1\frac{7}{9}$
6. $1\frac{1}{2}$
7. $9\frac{1}{7}$
8. $3\frac{1}{4}$
9. $\frac{1}{3}$
10. $\frac{4}{9}$
11. $\frac{3}{5}$
12. $1\frac{5}{7}$
13. $2\frac{2}{3}$
14. $\frac{2}{3}$
15. $4\frac{3}{4}$
16. 3
17. $\frac{1}{28}$
18. $\frac{1}{80}$
19. $\frac{2}{27}$
20. $\frac{1}{42}$
21. $\frac{1}{16}$
22. $\frac{1}{16}$
23. $\frac{3}{16}$
24. $\frac{1}{21}$

4

소수의 나눗셈(1)

01

몫이 소수 한 자리 수인
(소수)÷(자연수) (1)

58~59쪽

1.
$$\begin{array}{r} 1.2 \\ 4 \overline{)4.8} \\ \underline{4} \\ 8 \\ \underline{8} \\ 0 \end{array}$$

2.
$$\begin{array}{r} 1.3 \\ 3 \overline{)3.9} \\ \underline{3} \\ 9 \\ \underline{9} \\ 0 \end{array}$$

3.
$$\begin{array}{r} 1.4 \\ 2 \overline{)2.8} \\ \underline{2} \\ 8 \\ \underline{8} \\ 0 \end{array}$$

4.
$$\begin{array}{r} 2.3 \\ 3 \overline{)6.9} \\ \underline{6} \\ 9 \\ \underline{9} \\ 0 \end{array}$$

5.
$$\begin{array}{r} 2.1 \\ 4 \overline{)8.4} \\ \underline{8} \\ 4 \\ \underline{4} \\ 0 \end{array}$$

6.
$$\begin{array}{r} 3.2 \\ 3 \overline{)9.6} \\ \underline{9} \\ 6 \\ \underline{6} \\ 0 \end{array}$$

7.
$$\begin{array}{r} 3.2 \\ 2 \overline{)6.4} \\ \underline{6} \\ 4 \\ \underline{4} \\ 0 \end{array}$$

8.
$$\begin{array}{r} 1.1 \\ 8 \overline{)8.8} \\ \underline{8} \\ 8 \\ \underline{8} \\ 0 \end{array}$$

9.
$$\begin{array}{r} 3.1 \\ 3 \overline{)9.3} \\ \underline{9} \\ 3 \\ \underline{3} \\ 0 \end{array}$$

10. 2.3,
$$\begin{array}{r} 2.3 \\ 2 \overline{)4.6} \\ \underline{4} \\ 6 \\ \underline{6} \\ 0 \end{array}$$

11. 2.1,
$$\begin{array}{r} 2.1 \\ 3 \overline{)6.3} \\ \underline{6} \\ 3 \\ \underline{3} \\ 0 \end{array}$$

12. 4.2,
$$\begin{array}{r} 4.2 \\ 4 \overline{)16.8} \\ \underline{16} \\ 8 \\ \underline{8} \\ 0 \end{array}$$

13. 2.1,
$$\begin{array}{r} 2.1 \\ 5 \overline{)10.5} \\ \underline{10} \\ 5 \\ \underline{5} \\ 0 \end{array}$$

14. 5.1,
$$\begin{array}{r} 5.1 \\ 6 \overline{)30.6} \\ \underline{30} \\ 6 \\ \underline{6} \\ 0 \end{array}$$

15. 6.1,
$$\begin{array}{r} 6.1 \\ 7 \overline{)42.7} \\ \underline{42} \\ 7 \\ \underline{7} \\ 0 \end{array}$$

16. 9.2,
$$\begin{array}{r} 9.2 \\ 4 \overline{)36.8} \\ \underline{36} \\ 8 \\ \underline{8} \\ 0 \end{array}$$

17. 5.1,
$$\begin{array}{r} 5.1 \\ 9 \overline{)45.9} \\ \underline{45} \\ 9 \\ \underline{9} \\ 0 \end{array}$$

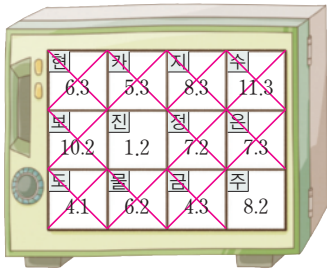


02

몫이 소수 한 자리 수인
(소수)÷(자연수) (2)

60~61쪽

1. 39, 39, 13, 1.3 2. 48, 48, 24, 2.4
 3. 63, 63, 21, 2.1 4. 84, 84, 21, 2.1
 5. 68, 68, 34, 3.4 6. 6.3
 7. 4.3 8. 4.1 9. 5.3
 10. 11.3 11. 7.3 12. 8.3
 13. 7.2 14. 6.2 15. 10.2



; 진주

03

몫이 소수 한 자리 수인
(소수)÷(자연수) (3)

62~63쪽

1.
$$\begin{array}{r} 2.3 \\ 8 \overline{) 18.4} \\ \underline{16} \\ 24 \\ \underline{24} \\ 0 \end{array}$$
2.
$$\begin{array}{r} 2.8 \\ 9 \overline{) 25.2} \\ \underline{18} \\ 72 \\ \underline{72} \\ 0 \end{array}$$
3.
$$\begin{array}{r} 6.8 \\ 7 \overline{) 47.6} \\ \underline{42} \\ 56 \\ \underline{56} \\ 0 \end{array}$$
4.
$$\begin{array}{r} 1.5 \\ 13 \overline{) 19.5} \\ \underline{13} \\ 65 \\ \underline{65} \\ 0 \end{array}$$

5.

$$\begin{array}{r} 2.1 \\ 29 \overline{) 60.9} \\ \underline{58} \\ 29 \\ \underline{29} \\ 0 \end{array}$$

6.

$$\begin{array}{r} 2.3 \\ 17 \overline{) 39.1} \\ \underline{34} \\ 51 \\ \underline{51} \\ 0 \end{array}$$

7.

$$\begin{array}{r} 2.4 \\ 12 \overline{) 28.8} \\ \underline{24} \\ 48 \\ \underline{48} \\ 0 \end{array}$$

8.

$$\begin{array}{r} 1.2 \\ 14 \overline{) 16.8} \\ \underline{14} \\ 28 \\ \underline{28} \\ 0 \end{array}$$

9.

$$\begin{array}{r} 3.4 \\ 13 \overline{) 44.2} \\ \underline{39} \\ 52 \\ \underline{52} \\ 0 \end{array}$$

10. 6.9,

$$\begin{array}{r} 6.9 \\ 5 \overline{) 34.5} \\ \underline{30} \\ 45 \\ \underline{45} \\ 0 \end{array}$$

11. 3.8,

$$\begin{array}{r} 3.8 \\ 6 \overline{) 22.8} \\ \underline{18} \\ 48 \\ \underline{48} \\ 0 \end{array}$$

12. 7.8,

$$\begin{array}{r} 7.8 \\ 7 \overline{) 54.6} \\ \underline{49} \\ 56 \\ \underline{56} \\ 0 \end{array}$$

13. 9.6,

$$\begin{array}{r} 9.6 \\ 4 \overline{) 38.4} \\ \underline{36} \\ 24 \\ \underline{24} \\ 0 \end{array}$$

14. 3.8,

$$\begin{array}{r} 3.8 \\ 11 \overline{) 41.8} \\ \underline{33} \\ 88 \\ \underline{88} \\ 0 \end{array}$$

15. 4.7,

			4	.	7	
1	3	)	6	1	.	1
			5	2		
				9	1	
				9	1	
					0	

16. 3.6,

			3	.	6	
1	7	)	6	1	.	2
			5	1		
				1	0	2
				1	0	2
						0

17. 4.3,

			4	.	3	
1	8	)	7	7	.	4
			7	2		
				5	4	
				5	4	
						0

05 몫이 소수 두 자리 수인
(소수)÷(자연수) (1)

66~67쪽

1.

			8	.	7	3
5	)	4	3	.	6	5
		4	0			
			3	6		
			3	5		
				1	5	
				1	5	
					0	

2.

			7	.	9	8
9	)	7	1	.	8	2
		6	3			
			8	8		
			8	1		
				7	2	
				7	2	
					0	

3.

			9	.	2	3
6	)	5	5	.	3	8
		5	4			
			1	3		
			1	2		
				1	8	
				1	8	
					0	

4.

			8	.	7	4
8	)	6	9	.	9	2
		6	4			
			5	9		
			5	6		
				3	2	
				3	2	
					0	

5.

			8	.	1	2
7	)	5	6	.	8	4
		5	6			
			8			
			7			
			1	4		
			1	4		
				0		

6.

			9	.	2	6
9	)	8	3	.	3	4
		8	1			
			2	3		
			1	8		
				5	4	
				5	4	
					0	

7. 4.13,

			4	.	1	3
5	)	2	0	.	6	5
		2	0			
			6			
			5			
			1	5		
			1	5		
				0		

8. 5.27,

			5	.	2	7
4	)	2	1	.	0	8
		2	0			
			1	0		
			8			
			2	8		
			2	8		
				0		

04 몫이 소수 한 자리 수인
(소수)÷(자연수) (4)

64~65쪽

- | | | |
|---------------|---------------|---------|
| 1. 4, 39, 3.9 | 2. 6, 32, 3.2 | 3. 4.7 |
| 4. 4.2 | 5. 1.3 | 6. 1.7 |
| 7. 1.9 | 8. 2.4 | 9. 2.7 |
| 10. 2.6 | 11. 3.4 | 12. 1.6 |
| 13. 6.2 | 14. 2.5 | 15. 2.9 |
| 16. 1.5 | 17. 1.6 | 18. 3.6 |
| 19. 2.7 | 20. 2.4 | |



9. 6.23,

		6	.	2	3
7	)	4	3	.	6
		4	2		
			1	6	
			1	4	
				2	1
				2	1
					0

10. 3.61,

		3	.	6	1
8	)	2	8	.	8
		2	4		
			4	8	
			4	8	
					8
					8
					0

11. 8.92,

		8	.	9	2
6	)	5	3	.	5
		4	8		
			5	5	
			5	4	
				1	2
				1	2
					0

12. 7.52,

		7	.	5	2
9	)	6	7	.	6
		6	3		
			4	6	
			4	5	
				1	8
				1	8
					0

06

몫이 소수 두 자리 수인
(소수)÷(자연수) (2)

68~69쪽

- | | |
|-----------------|-----------------|
| 1. 5, 731, 7.31 | 2. 6, 723, 7.23 |
| 3. 5.42 | 4. 6.37 |
| 5. 8.72 | 6. 3.67 |
| 7. 3.56 | 8. 2.91 |
| 9. 4.23 | 10. 3.54 |
| 11. 9.14 | 12. 9.43 |
| 13. 3.49 | 14. 4.67 |
| 15. 7.23 | 16. 6.34 |
| 17. 13.21 | 18. 12.61 |

07

자연수의 나눗셈을 이용한
(소수)÷(자연수)

70~71쪽

- 32.1, 3.21
- (위부터) 123, 36.9, 12.3, 3.69, 1.23
- (왼쪽부터) 234, 23.4, 2.34 ; $\frac{1}{10}$, $\frac{1}{100}$
- 246, 123, 12.3
- 246, 123, 1.23
- 366, 366, 122, 12.2
- 366, 366, 122, 1.22
- 848, 848, 212, 21.2
- 848, 848, 212, 2.12

08

집중 연산 A

72~73쪽

- | | |
|----------------------------------|---------------|
| 1. 2.1, 1.15 | 2. 2.1, 1.11 |
| 3. 1.1, 1.2 | 4. 1.4, 3.6 |
| 5. 4.3, 8.1 | 6. 2.33, 3.57 |
| 7. 1.3, 2.45 | 8. 1.7, 2.1 |
| 9. 11.5, 8.13 | 10. 1.23, 1.3 |
| 11. 1.2, 2.1 | 12. 1.7, 4.1 |
| 13. (위부터) 3.2, 1.6, 2.56 | |
| 14. (위부터) 21.6, 16.2, 7.2, 5.4 | |
| 15. (위부터) 5.4, 3.6, 2.7, 2.4 | |
| 16. (위부터) 19.2, 4.8, 7.2, 3.6 | |
| 17. (위부터) 2.88, 4.32, 2.16, 1.44 | |
| 18. (위부터) 22.8, 15.2, 11.4, 7.6 | |

09 집중 연산 B

74~75쪽

1. 2.4 2. 3.1
3. 1.32 4. 2.3
5. 3.8 6. 2.91
7. 2.2 8. 3.1
9. 1.32 10. 1.6
11. 1.2 12. 2.33
13. 4.1 14. 2.4
15. 2.33 16. 1.2
17. 1.9 18. 1.3
19. 2.1 20. 3.1
21. 3.18 22. 1.43
23. 6.18 24. 1.67
25. 1.71 26. 1.24
27. 1.76 28. 1.24
29. 1.34

5

소수의 나눗셈 (2)

01

몫이 1보다 작은
(소수)÷(자연수) (1)

78~79쪽

1.
$$\begin{array}{r} 0.6 \\ 4 \overline{) 2.4} \\ \underline{2} \\ 0 \end{array}$$
2.
$$\begin{array}{r} 0.8 \\ 7 \overline{) 5.6} \\ \underline{5} \\ 0 \end{array}$$
3.
$$\begin{array}{r} 0.9 \\ 5 \overline{) 4.5} \\ \underline{4} \\ 0 \end{array}$$
4.
$$\begin{array}{r} 0.9 \\ 6 \overline{) 5.4} \\ \underline{5} \\ 0 \end{array}$$
5.
$$\begin{array}{r} 0.6 \\ 8 \overline{) 4.8} \\ \underline{4} \\ 0 \end{array}$$
6.
$$\begin{array}{r} 0.7 \\ 7 \overline{) 4.9} \\ \underline{4} \\ 0 \end{array}$$

7. 6, 0.6
8. 7, 0.7
9. 21, 7, 3, 0.3
10. 0.7
11. 0.6
12. 0.4
13. 0.6
14. 0.4
15. 0.9
16. 0.7
17. 0.9
18. 0.7

수수께끼 처음 보는 소의 인사는 ; 반감소



02

몫이 1보다 작은
(소수)÷(자연수) (2)

80~81쪽

1.

	0	.	2	6	
3	)	0	.	7	8
			6		
			1	8	
			1	8	
				0	

2.

	0	.	2	3	
4	)	0	.	9	2
			8		
			1	2	
			1	2	
				0	

3.

	0	.	2	7	
3	)	0	.	8	1
			6		
			2	1	
			2	1	
				0	

4. 72, 3, 24, 0.24

6. 76, 4, 19, 0.19

8. 0.31

10. 0.37

12. 0.23

14. 0.29

5. 52, 4, 13, 0.13

7. 0.17

9. 0.13

11. 0.27

13. 0.16

⑤

03

몫이 1보다 작은
(소수)÷(자연수) (3)

82~83쪽

1.

	0	.	3	6	
4	)	1	.	4	4
		1	2		
			2	4	
			2	4	
				0	

2.

	0	.	9	1	
9	)	8	.	1	9
		8	1		
				9	
				9	
				0	

3.

	0	.	4	8	
8	)	3	.	8	4
		3	2		
			6	4	
			6	4	
				0	

4. 25, 0.25

6. 365, 365, 73, 0.73

7. 504, 504, 63, 0.63

8. 0.73

10. 0.41

12. 0.42

14. 0.72

16. 0.71

18. 0.87

5. 27, 0.27

9. 0.67

11. 0.63

13. 0.92

15. 0.91

17. 0.83

수수께끼 세상에서 가장 추운 바다는 ; 썰렁해

04

소수점 아래 0을 내려 계산하는
(소수)÷(자연수)(1)

84~85쪽

1.
$$\begin{array}{r} 1.88 \\ 5 \overline{)9.4} \\ \underline{5} \\ 44 \\ \underline{40} \\ 40 \\ \underline{40} \\ 0 \end{array}$$

2.
$$\begin{array}{r} 4.25 \\ 6 \overline{)25.5} \\ \underline{12} \\ 135 \\ \underline{120} \\ 150 \\ \underline{150} \\ 0 \end{array}$$

3.
$$\begin{array}{r} 6.55 \\ 12 \overline{)78.6} \\ \underline{24} \\ 546 \\ \underline{540} \\ 60 \\ \underline{60} \\ 0 \end{array}$$

4.
$$\begin{array}{r} 2.45 \\ 4 \overline{)9.8} \\ \underline{8} \\ 18 \\ \underline{16} \\ 20 \\ \underline{20} \\ 0 \end{array}$$

5.
$$\begin{array}{r} 7.35 \\ 8 \overline{)58.8} \\ \underline{40} \\ 188 \\ \underline{160} \\ 280 \\ \underline{240} \\ 400 \\ \underline{400} \\ 0 \end{array}$$

6.
$$\begin{array}{r} 5.42 \\ 15 \overline{)81.3} \\ \underline{75} \\ 63 \\ \underline{60} \\ 30 \\ \underline{30} \\ 0 \end{array}$$

7. 2.45

8. 4.35

9. 7.85

10. 1.95

11. 4.86

12. 9.35

13. 2.78

14. 6.25

15. 3.35

MOTHER(엄마), SON(아들)

7.
$$\begin{array}{r} 2.45 \\ 6 \overline{)14.7} \\ \underline{12} \\ 27 \\ \underline{24} \\ 30 \\ \underline{30} \\ 0 \end{array}$$

8.
$$\begin{array}{r} 4.35 \\ 8 \overline{)34.8} \\ \underline{32} \\ 28 \\ \underline{24} \\ 40 \\ \underline{40} \\ 0 \end{array}$$

9.
$$\begin{array}{r} 7.85 \\ 2 \overline{)15.7} \\ \underline{14} \\ 17 \\ \underline{16} \\ 10 \\ \underline{10} \\ 0 \end{array}$$

10.
$$\begin{array}{r} 1.95 \\ 4 \overline{)7.8} \\ \underline{4} \\ 38 \\ \underline{36} \\ 20 \\ \underline{20} \\ 0 \end{array}$$

11.
$$\begin{array}{r} 4.86 \\ 5 \overline{)24.3} \\ \underline{20} \\ 43 \\ \underline{40} \\ 30 \\ \underline{30} \\ 0 \end{array}$$

12.
$$\begin{array}{r} 9.35 \\ 8 \overline{)74.8} \\ \underline{72} \\ 28 \\ \underline{24} \\ 40 \\ \underline{40} \\ 0 \end{array}$$

13.
$$\begin{array}{r} 2.78 \\ 10 \overline{)27.8} \\ \underline{20} \\ 78 \\ \underline{70} \\ 80 \\ \underline{80} \\ 0 \end{array}$$

14.
$$\begin{array}{r} 6.25 \\ 14 \overline{)87.5} \\ \underline{84} \\ 35 \\ \underline{28} \\ 70 \\ \underline{70} \\ 0 \end{array}$$

15.
$$\begin{array}{r} 3.35 \\ 12 \overline{)40.2} \\ \underline{36} \\ 42 \\ \underline{36} \\ 60 \\ \underline{60} \\ 0 \end{array}$$



05

소수점 아래 0을 내려 계산하는
(소수)÷(자연수)(2)

86~87쪽

- | | |
|----------------------------------|---------------------|
| 1. 4, 37, 185, 1.85 | 2. 5, 50, 526, 5.26 |
| 3. 1.45 | 4. 2.65 |
| 5. 4.65 | 6. 3.65 |
| 7. 5.15 | 8. 3.55 |
| 9. 12.26 | 10. 3.88 |
| 11. 7.35, 7.35 | 12. 5.16, 5.16 |
| 13. $9.4 \div 4 = 2.35, 2.35$ | |
| 14. $17.3 \div 2 = 8.65, 8.65$ | |
| 15. $55.5 \div 6 = 9.25, 9.25$ | |
| 16. $9.2 \div 8 = 1.15, 1.15$ | |
| 17. $52.6 \div 4 = 13.15, 13.15$ | |
| 18. $20.7 \div 6 = 3.45, 3.45$ | |

06

소수점 아래 0을 내려 계산하는
(소수)÷(자연수)(3)

88~89쪽

- | | |
|----------|----------|
| 1. 0.25 | 2. 0.16 |
| 3. 0.35 | 4. 1.14 |
| 5. 4.15 | 6. 1.15 |
| 7. 1.65 | 8. 1.85 |
| 9. 1.24 | 10. 7.65 |
| 11. 1.88 | 12. 4.35 |
| 13. 8.15 | 14. 3.85 |
| 15. 3.72 | 16. 4.85 |
| 17. 7.95 | |

07

집중 연산 A

90~91쪽

- | | |
|-----------------|-----------------|
| 1. 0.45, 0.65 | 2. 0.27, 0.58 |
| 3. 0.54, 0.47 | 4. 0.75, 0.84 |
| 5. 0.52, 0.89 | 6. 0.56, 0.78 |
| 7. 0.16, 1.14 | 8. 2.55, 0.95 |
| 9. 2.65, 4.55 | 10. 1.35, 0.875 |
| 11. 2.68, 3.52 | 12. 2.95, 2.35 |
| 13. 0.92, 0.46 | 14. 1.35, 0.9 |
| 15. 1.85, 2.22 | 16. 2.94, 7.35 |
| 17. 1.775, 3.55 | 18. 0.84, 0.42 |
| 19. 1.72, 2.15 | 20. 0.27, 0.216 |
| 21. 0.49, 0.588 | 22. 3.15, 1.575 |
| 23. 3.35, 5.36 | 24. 0.48, 0.672 |

08

집중 연산 B

92~93쪽

- | | |
|------------|-----------|
| 1. 1.85 | 2. 5.345 |
| 3. 1.92 | 4. 5.935 |
| 5. 2.72 | 6. 9.325 |
| 7. 0.35 | 8. 0.76 |
| 9. 0.36 | 10. 0.47 |
| 11. 0.98 | 12. 0.46 |
| 13. 0.87 | 14. 2.575 |
| 15. 12.125 | 16. 1.44 |
| 17. 1.95 | 18. 5.35 |
| 19. 4.165 | 20. 11.72 |
| 21. 3.74 | 22. 0.57 |
| 23. 0.45 | 24. 0.65 |
| 25. 0.62 | 26. 0.24 |
| 27. 0.92 | 28. 0.24 |
| 29. 0.99 | |

6

소수의 나눗셈 (3)

01

몫의 소수 첫째 자리에 0이 있는
(소수)÷(자연수) (1)

96~97쪽

1.
$$\begin{array}{r} 1.05 \\ 6 \overline{)6.3} \\ \underline{6} \\ 30 \\ \underline{30} \\ 0 \end{array}$$

2.
$$\begin{array}{r} 2.08 \\ 5 \overline{)10.4} \\ \underline{10} \\ 40 \\ \underline{40} \\ 0 \end{array}$$

3.
$$\begin{array}{r} 2.05 \\ 12 \overline{)24.6} \\ \underline{24} \\ 60 \\ \underline{60} \\ 0 \end{array}$$

4.
$$\begin{array}{r} 2.05 \\ 4 \overline{)8.2} \\ \underline{8} \\ 20 \\ \underline{20} \\ 0 \end{array}$$

5.
$$\begin{array}{r} 4.05 \\ 8 \overline{)32.4} \\ \underline{32} \\ 40 \\ \underline{40} \\ 0 \end{array}$$

6.
$$\begin{array}{r} 3.05 \\ 14 \overline{)42.7} \\ \underline{42} \\ 70 \\ \underline{70} \\ 0 \end{array}$$

7.
$$\begin{array}{r} 3.07 \\ 3 \overline{)9.21} \\ \underline{9} \\ 21 \\ \underline{21} \\ 0 \end{array}$$

8.
$$\begin{array}{r} 7.06 \\ 6 \overline{)42.36} \\ \underline{42} \\ 36 \\ \underline{36} \\ 0 \end{array}$$

9.
$$\begin{array}{r} 5.06 \\ 15 \overline{)75.9} \\ \underline{75} \\ 90 \\ \underline{90} \\ 0 \end{array}$$

10. 6.08,
$$\begin{array}{r} 6.08 \\ 4 \overline{)24.32} \\ \underline{24} \\ 32 \\ \underline{32} \\ 0 \end{array}$$

11. 6.02,
$$\begin{array}{r} 6.02 \\ 6 \overline{)36.12} \\ \underline{36} \\ 12 \\ \underline{12} \\ 0 \end{array}$$

12. 4.05,
$$\begin{array}{r} 4.05 \\ 4 \overline{)16.2} \\ \underline{16} \\ 20 \\ \underline{20} \\ 0 \end{array}$$

13. 7.05,
$$\begin{array}{r} 7.05 \\ 8 \overline{)56.4} \\ \underline{56} \\ 40 \\ \underline{40} \\ 0 \end{array}$$



14. 8.08,

		8	.	0	8
5	)	4	0	.	4
		4	0		
				4	0
				4	0
					0

15. 6.03,

		6	.	0	3
8	)	4	8	.	2
		4	8		
				2	4
				2	4
					0

02

몫의 소수 첫째 자리에 0이 있는
(소수)÷(자연수)(2)

98~99쪽

- | | |
|------------------|-------------------|
| 1. 51, 102, 1.02 | 2. 141, 705, 7.05 |
| 3. 3.05 | 4. 2.06 |
| 5. 8.05 | 6. 4.06 |
| 7. 3.07 | 8. 10.05 |
| 9. 5.09 | 10. 4.05 |
| 11. 2.05 | 12. 3.09 |
| 13. 3.05 | 14. 2.04 |
| 15. 3.04 | 16. 5.02 |
| 17. 2.07 | 18. 3.08 |
| 19. 5.05 | 20. 5.04 |



; 17번 : 슈퍼빅터B

$$3. \quad 18.3 \div 6 = \frac{183}{10} \times \frac{1}{6} = \frac{61}{20} = \frac{305}{100} = 3.05$$

$$4. \quad 6.18 \div 3 = \frac{618}{100} \times \frac{1}{3} = \frac{206}{100} = 2.06$$

$$5. \quad 32.2 \div 4 = \frac{322}{10} \times \frac{1}{4} = \frac{161}{20} = \frac{805}{100} = 8.05$$

$$6. \quad 28.42 \div 7 = \frac{2842}{100} \times \frac{1}{7} = \frac{406}{100} = 4.06$$

$$7. \quad 27.63 \div 9 = \frac{2763}{100} \times \frac{1}{9} = \frac{307}{100} = 3.07$$

$$8. \quad 70.35 \div 7 = \frac{7035}{100} \times \frac{1}{7} = \frac{1005}{100} = 10.05$$

$$9. \quad 61.08 \div 12 = \frac{6108}{100} \times \frac{1}{12} = \frac{509}{100} = 5.09$$

$$10. \quad 72.9 \div 18 = \frac{729}{10} \times \frac{1}{18} = \frac{81}{20} = \frac{405}{100} = 4.05$$

03

몫의 소수 첫째 자리에 0이 있는
(소수)÷(자연수)(3)

100~101쪽

- | | | |
|-----------------------------------|---------|---------|
| 1. 2.06 | 2. 3.08 | 3. 3.07 |
| 4. 2.04 | 5. 3.05 | 6. 4.06 |
| 7. 3224, 3224, 403, 4.03 | | |
| 8. 3542, 3542, 506, 5.06 | | |
| 9. 3042, 3042, 507, 5.07 | | |
| 10. $5.35 \div 5 = 1.07, 1.07$ | | |
| 11. $3.27 \div 3 = 1.09, 1.09$ | | |
| 12. $20.3 \div 5 = 4.06, 4.06$ | | |
| 13. $28.24 \div 4 = 7.06, 7.06$ | | |
| 14. $60.24 \div 3 = 20.08, 20.08$ | | |
| 15. $80.24 \div 8 = 10.03, 10.03$ | | |

04

(자연수)÷(자연수)(1)

102~103쪽

1.
$$\begin{array}{r} 1.2 \\ 5 \overline{)6} \\ \underline{5} \\ 10 \\ \underline{10} \\ 0 \end{array}$$

2.
$$\begin{array}{r} 3.5 \\ 2 \overline{)7} \\ \underline{6} \\ 10 \\ \underline{10} \\ 0 \end{array}$$

3.
$$\begin{array}{r} 1.5 \\ 6 \overline{)9} \\ \underline{6} \\ 30 \\ \underline{30} \\ 0 \end{array}$$

4.
$$\begin{array}{r} 0.75 \\ 4 \overline{)3} \\ \underline{28} \\ 20 \\ \underline{20} \\ 0 \end{array}$$

5.
$$\begin{array}{r} 0.35 \\ 20 \overline{)7} \\ \underline{60} \\ 100 \\ \underline{100} \\ 0 \end{array}$$

6.
$$\begin{array}{r} 0.24 \\ 25 \overline{)6} \\ \underline{50} \\ 100 \\ \underline{100} \\ 0 \end{array}$$

7.
$$\begin{array}{r} 0.45 \\ 20 \overline{)9} \\ \underline{80} \\ 100 \\ \underline{100} \\ 0 \end{array}$$

8.
$$\begin{array}{r} 0.25 \\ 48 \overline{)12} \\ \underline{96} \\ 240 \\ \underline{240} \\ 0 \end{array}$$

9.
$$\begin{array}{r} 0.75 \\ 24 \overline{)18} \\ \underline{168} \\ 120 \\ \underline{120} \\ 0 \end{array}$$

10.
$$\begin{array}{r} 28.5 \\ 2 \overline{)57} \\ \underline{4} \\ 17 \\ \underline{16} \\ 10 \\ \underline{10} \\ 0 \end{array}, 28.5$$

11.
$$\begin{array}{r} 11.4 \\ 5 \overline{)57} \\ \underline{5} \\ 7 \\ \underline{5} \\ 20 \\ \underline{20} \\ 0 \end{array}, 11.4$$

12.
$$\begin{array}{r} 4.75 \\ 12 \overline{)57} \\ \underline{48} \\ 90 \\ \underline{84} \\ 60 \\ \underline{60} \\ 0 \end{array}, 4.75$$

13.
$$\begin{array}{r} 14.25 \\ 4 \overline{)57} \\ \underline{4} \\ 17 \\ \underline{16} \\ 10 \\ \underline{8} \\ 20 \\ \underline{20} \\ 0 \end{array}, 14.25$$



14.

		7	.	1	2	5
8	)	5	7			
		5	6			
			1	0		
				8		
				2	0	
				1	6	
					4	0
					4	0
						0

, 7.125

15.

			2	.	3	7	5
2	4	)	5	7			
			4	8			
				9	0		
				7	2		
				1	8	0	
				1	6	8	
					1	2	0
					1	2	0
							0

, 2.375

05

(자연수)÷(자연수)(2)

104~105쪽

- | | |
|---------------|----------------|
| 1. 5, 18, 1.8 | 2. 3, 75, 0.75 |
| 3. 6.5 | 4. 1.75 |
| 5. 3.5 | |
| 6. 0.32 | 7. 0.7 |
| 8. 1.25 | |
| 9. 0.6 | 10. 1.625 |
| 11. 3.5 | |
| 12. 2.5 | 13. 0.36 |
| 14. 4.5 | |
| 15. 0.55 | 16. 7.8 |
| 17. 2.8 | |
| 18. 1.08 | 19. 6.5 |
| 20. 0.66 | |

수수께끼 병아리가 제일 잘 먹는 약 ; 빼약

06

집중 연산 A

106~107쪽

- | | |
|-----------------|------------------|
| 1. 6.08, 3.02 | 2. 2.05, 7.04 |
| 3. 7.05, 7.125 | 4. 9.05, 3.625 |
| 5. 1.08, 6.05 | 6. 5.75, 7.6 |
| 7. 8.07, 6.04 | 8. 7.08, 1.09 |
| 9. 6.25, 5.125 | 10. 12.06, 5.625 |
| 11. 3.05, 1.03 | 12. 4.05, 8.5 |
| 13. 9.04, 3.08 | 14. 1.05, 1.75 |
| 15. 4.07, 2.25 | 16. 1.75, 2.05 |
| 17. 3.625, 7.05 | 18. 3.75, 4.05 |

07

집중 연산 B

108~109쪽

- | | |
|-----------|-----------|
| 1. 1.08 | 2. 3.07 |
| 3. 9.02 | 4. 5.035 |
| 5. 7.02 | 6. 3.09 |
| 7. 4.05 | 8. 5.07 |
| 9. 2.72 | 10. 5.03 |
| 11. 0.52 | 12. 6.25 |
| 13. 0.95 | 14. 2.125 |
| 15. 9.025 | 16. 5.05 |
| 17. 4.06 | 18. 1.04 |
| 19. 8.09 | 20. 8.06 |
| 21. 3.05 | 22. 9.05 |
| 23. 11.07 | 24. 4.4 |
| 25. 3.5 | 26. 7.8 |
| 27. 6.5 | 28. 1.92 |
| 29. 1.125 | |

7 비와 비율

01 비 알아보기

112~113쪽

- | | | |
|----------|-----------|-----------|
| 1. 3, 8 | 2. 9, 3 | 3. 12, 9 |
| 4. 11, 8 | 5. 16, 12 | 6. 14, 10 |
| 7. ㉠ | 8. ㉡ | 9. ㉢ |
| 10. ㉣ | 11. ㉤ | 12. ㉥ |

02 비율을 분수로 나타내기

114~115쪽

- | | |
|-----------------------------------|-------------------------------------|
| 1. $9, \frac{9}{12}, 3$ | 2. $16, \frac{16}{20}, 4$ |
| 3. $\frac{3}{8}$ | 4. $\frac{7}{36}$ |
| 5. $\frac{4}{5}$ | 6. $\frac{1}{4}$ |
| 7. $\frac{6}{14} (= \frac{3}{7})$ | 8. $\frac{12}{26} (= \frac{6}{13})$ |
| 9. ① $\frac{5}{24}$ | ② $\frac{19}{48}$ |
| ③ $\frac{8}{16} (= \frac{1}{2})$ | ④ $\frac{6}{9} (= \frac{2}{3})$ |
| ⑤ $\frac{10}{15} (= \frac{2}{3})$ | ⑥ $\frac{18}{12} (= \frac{3}{2})$ |
| ⑦ $\frac{8}{12} (= \frac{2}{3})$ | ⑧ $\frac{36}{50} (= \frac{18}{25})$ |
9. ① $5 : 24 \rightarrow \frac{5}{24}$
 ② $19 : 48 \rightarrow \frac{19}{48}$
 ③ $8 : 16 \rightarrow \frac{8}{16} = \frac{1}{2}$
 ④ $6 : 9 \rightarrow \frac{6}{9} = \frac{2}{3}$

⑤ $10 : 15 \rightarrow \frac{10}{15} = \frac{2}{3}$

⑥ $18 : 12 \rightarrow \frac{18}{12} = \frac{3}{2}$

⑦ $8 : 12 \rightarrow \frac{8}{12} = \frac{2}{3}$

⑧ $36 : 50 \rightarrow \frac{36}{50} = \frac{18}{25}$

03 비율을 소수로 나타내기

116~117쪽

- | | | |
|---------------|----------------------|----------|
| 1. 12, 8, 0.8 | 2. 9, 9, 3, 75, 0.75 | |
| 3. 0.2 | 4. 0.12 | 5. 0.625 |
| 6. 0.5 | 7. 1.5 | 8. 0.45 |
| 9. 0.7 | 10. 0.8 | 11. 0.6 |
| 12. 0.8 | 13. 0.7 | 14. 0.75 |
| 15. 0.85 | 16. 0.35 | 17. 0.8 |
| 18. 0.44 | | |

04 비교하는 양, 기준량 구하기

118~119쪽

- | | | |
|------------------------------|--------|--------|
| 1. 4 | 2. 36 | 3. 9 |
| 4. 7 | 5. 3 | 6. 3 |
| 7. 10 | 8. 32 | 9. 16 |
| 10. 5 | 11. 10 | 12. 20 |
| 13. 150 | 14. 96 | |
| 15. $6500 \times 0.02 = 130$ | | |
| 16. $3600 \times 0.02 = 72$ | | |
| 17. $3200 \times 0.02 = 64$ | | |
| 18. $1500 \times 0.02 = 30$ | | |

128



05

걸린 시간에 대한
간 거리의 비율

120~121쪽

1. $\frac{540}{2} (= 270)$
2. $\frac{440}{2} (= 220)$
3. $\frac{260}{4} (= 65)$
4. $\frac{960}{16} (= 60)$
5. $\frac{480}{12} (= 40)$
6. $\frac{573}{3} (= 191)$
7. $\frac{360}{15} (= 24)$
8. $\frac{1200}{15} (= 80)$
9. 92
10. 15
11. 80
12. 30
13. 76
14. 84
15. 12
16. 5

수수께끼 차가 깜짝 놀란다면 ; 카놀라유

06

늪이에 대한 인구의 비율

122~123쪽

1. 28
2. 520
3. 168
4. 80
5. 125
6. 90
7. 130
8. 150
9. 17500
10. 6870
11. 5100
12. 20200
13. 380
14. 14455

07

비율을 백분율로 나타내기

124~125쪽

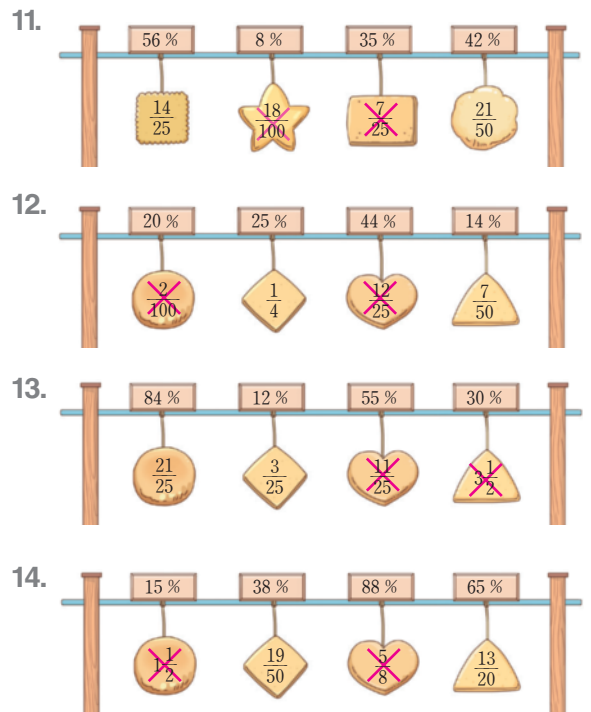
1. 75 %
2. 30 %
3. 70 %
4. 42 %
5. 44 %
6. 15 %
7. 65 %
8. 9 %
9. 78 %
10. 12.5 %
11. 40
12. 25
13. $\frac{7000}{20000} \times 100 = 35$
14. $\frac{8000}{25000} \times 100 = 32$
15. $\frac{3000}{12000} \times 100 = 25$
16. $\frac{3600}{18000} \times 100 = 20$

08

백분율을 분수로 나타내기

126~127쪽

1. $\frac{1}{50}$
2. $\frac{9}{100}$
3. $\frac{4}{25}$
4. $\frac{11}{50}$
5. $\frac{9}{25}$
6. $\frac{16}{25}$
7. $\frac{12}{25}$
8. $\frac{57}{100}$
9. $\frac{63}{100}$
10. $\frac{87}{100}$



09 백분율을 소수로 나타내기

128 ~ 129 쪽

- | | | |
|-----------|----------|----------|
| 1. 0.14 | 2. 0.29 | 3. 0.08 |
| 4. 0.56 | 5. 0.217 | 6. 0.425 |
| 7. 0.34 | 8. 0.673 | 9. 0.76 |
| 10. 0.831 | 11. 0.61 | 12. 0.66 |
| 13. 0.84 | 14. 0.89 | 15. 0.48 |
| 16. 0.78 | 17. 0.75 | 18. 0.57 |
| 19. 0.93 | 20. 0.32 | |

WATERMELON

1. $14\% \Rightarrow \frac{14}{100} = 0.14$
2. $29\% \Rightarrow \frac{29}{100} = 0.29$
3. $8\% \Rightarrow \frac{8}{100} = 0.08$
4. $56\% \Rightarrow \frac{56}{100} = 0.56$

10 생활 속에서 백분율이 사용되는 경우

130 ~ 131 쪽

- | | | |
|--------|--------|--------|
| 1. 5 | 2. 6 | 3. 10 |
| 4. 12 | 5. 15 | 6. 12 |
| 7. 40 | 8. 25 | 9. 30 |
| 10. 35 | 11. 20 | 12. 14 |
| 13. 45 | 14. 25 | |

레몬차

1. $7 \div 140 = 0.05 \Rightarrow 5\%$
2. $9 \div 150 = 0.06 \Rightarrow 6\%$
3. $12 \div 120 = 0.1 \Rightarrow 10\%$
4. $24 \div 200 = 0.12 \Rightarrow 12\%$
5. $45 \div 300 = 0.15 \Rightarrow 15\%$
6. $60 \div 500 = 0.12 \Rightarrow 12\%$

11

생활 속에서 비율이 사용되는 여러 가지 경우

132 ~ 133 쪽

- | | |
|---|-----------|
| 1. 0.325 | 2. 0.3 |
| 3. 0.375 | 4. 0.26 |
| 5. $\frac{5}{80000} (= \frac{1}{16000})$ | |
| 6. $\frac{3}{90000} (= \frac{1}{30000})$ | |
| 7. $\frac{3}{1500000} (= \frac{1}{500000})$ | |
| 8. $\frac{2}{1200000} (= \frac{1}{600000})$ | |
| 9. 0.375 | 10. 0.325 |
| 11. 0.25 | 12. 0.26 |
| 13. 0.325 | 14. 0.29 |
| 15. 0.31 | 16. 0.28 |

찬호

12

집중 연산 A

134 ~ 135 쪽

1. (위부터) $\frac{1}{2}, \frac{3}{10}, 0.5, 0.3$
2. (위부터) $\frac{1}{5}, \frac{1}{8}, 0.2, 0.125$
3. (위부터) $\frac{1}{4}, \frac{1}{4}, \frac{1}{2}, 0.25, 0.25, 0.5$
4. (위부터) $\frac{1}{5}, \frac{9}{20}, \frac{3}{25}, 0.2, 0.45, 0.12$
5. (위부터) $\frac{18}{25}, \frac{1}{8}, \frac{1}{4}, 0.72, 0.125, 0.25$
6. (위부터) $\frac{4}{5}, \frac{3}{4}, \frac{9}{20}, 0.8, 0.75, 0.45$
7. 30 %
8. 45 %, 85 %
9. 25 %, 16 %
10. 62.5 %, 140 %
11. 17.5 %, 8 %
12. 64 %, 11.2 %
13. 0.15, $\frac{3}{20}$
14. 0.75, $\frac{3}{4}$
15. 0.08, $\frac{2}{25}$
16. 0.32, $\frac{8}{25}$
17. 0.375, $\frac{3}{8}$
18. 0.175, $\frac{7}{40}$



13 집중 연산 B

136 ~ 137쪽

- | | |
|-----------------------------|------------------------------|
| 1. $\frac{7}{8}$ | 2. $\frac{11}{14}$ |
| 3. $\frac{8}{15}$ | 4. $\frac{11}{18}$ |
| 5. $\frac{16}{23}$ | 6. $\frac{13}{14}$ |
| 7. 0.5 | 8. 1.75 |
| 9. 1.5 | 10. 2.5 |
| 11. 0.72 | 12. 0.5 |
| 13. 65 % | 14. 9 % |
| 15. 28 % | 16. 47 % |
| 17. 22.5 % | 18. 28.4 % |
| 19. $\frac{3}{50}$, 0.06 | 20. $\frac{7}{50}$, 0.14 |
| 21. $\frac{23}{100}$, 0.23 | 22. $\frac{29}{100}$, 0.29 |
| 23. $\frac{47}{100}$, 0.47 | 24. $\frac{49}{200}$, 0.245 |

8

직육면체의 부피와 겉넓이

01

직육면체의 부피 (1)

140 ~ 141쪽

- | | |
|----------|--------------|
| 1. 3, 84 | 2. 5, 5, 150 |
| 3. 180 | 4. 160 |
| 5. 144 | 6. 260 |
| 7. 160 | 8. 576 |
| 9. 100 | 10. 120 |
| 11. 132 | 12. 288 |
| 13. 125 | 14. 144 |
| 15. 135 | |

수수께끼 더울 때 먹는 탕은 ; 추어탕

02

직육면체의 부피 (2)

142 ~ 143쪽

- | | |
|---------|----------|
| 1. 7.56 | 2. 8.5 |
| 3. 7.02 | 4. 2.88 |
| 5. 19 | 6. 5.04 |
| 7. 33.6 | 8. 25.76 |
| 9. 420 | 10. 180 |
| 11. 156 | 12. 135 |
| 13. 100 | 14. 512 |

ORANGE

03

정육면체의 부피 (1)

144 ~ 145쪽

- | | |
|----------|-----------------|
| 1. 4, 64 | 2. 5, 5, 5, 125 |
| 3. 1000 | 4. 216 |
| 5. 343 | 6. 1728 |
| 7. 2744 | 8. 5832 |
| 9. 512 | 10. 1331 |
| 11. 2197 | 12. 3375 |
| 13. 4096 | 14. 4913 |

04 정육면체의 부피 (2) 146~147쪽

- | | |
|-----------|-----------|
| 1. 64 | 2. 125 |
| 3. 216 | 4. 343 |
| 5. 15.625 | 6. 32.768 |
| 7. 21.952 | 8. 46.656 |
| 9. 729 | 10. 2197 |
| 11. 512 | 12. 1331 |
| 13. 4096 | 14. 3375 |
| 15. 4913 | 16. 8000 |

무른 땅에 말뚝 박기

4. (직육면체의 겉넓이)
$$= (9 \times 3 + 3 \times 4 + 9 \times 4) \times 2$$
$$= (27 + 12 + 36) \times 2$$
$$= 150 \text{ (cm}^2\text{)}$$
5. (직육면체의 겉넓이)
$$= 8 \times 3 + 3 \times 7 + 8 \times 7 + 3 \times 7 + 8 \times 7 + 8 \times 3$$
$$= 24 + 21 + 56 + 21 + 56 + 24$$
$$= 202 \text{ (cm}^2\text{)}$$
6. (직육면체의 겉넓이)
$$= (12 \times 2 + 2 \times 8 + 12 \times 8) \times 2$$
$$= (24 + 16 + 96) \times 2$$
$$= 272 \text{ (cm}^2\text{)}$$

05 여러 가지 입체도형의 부피 148~149쪽

- | | |
|---------|----------|
| 1. 480 | 2. 720 |
| 3. 228 | 4. 2560 |
| 5. 1566 | 6. 2120 |
| 7. 1128 | 8. 1440 |
| 9. 3096 | 10. 4590 |

수수께끼 손에 쥐고 다니는 금은 ; 손금

07 직육면체의 겉넓이 (2) 152~153쪽

- | | |
|-----------------|-----------------|
| 1. 56, 390, 502 | 2. 66, 340, 472 |
| 3. 208 | 4. 318 |
| 5. 518 | 6. 400 |
| 7. 528 | 8. 586 |

마부작침

06 직육면체의 겉넓이 (1) 150~151쪽

- | | |
|-------------|-----------|
| 1. 4, 5, 76 | 2. 7, 162 |
| 3. 184 | 4. 150 |
| 5. 202 | 6. 272 |
| 7. 3700 | 8. 4250 |
| 9. 1900 | 10. 3150 |
| 11. 4600 | 12. 2350 |
| 13. 10300 | 14. 1300 |

HOSPITAL ; 병원

08 정육면체의 겉넓이 154~155쪽

- | | |
|-----------|-----------|
| 1. 6, 150 | 2. 6, 216 |
| 3. 294 | 4. 384 |
| 5. 600 | 6. 486 |
| 7. 864 | 8. 1176 |
| 9. 2400 | 10. 1944 |
| 11. 1536 | 12. 1014 |
| 13. 726 | 14. 1350 |

동가식서가속



09

집중 연산 A

156~157쪽

- | | |
|----------|----------|
| 1. 70 | 2. 48 |
| 3. 672 | 4. 936 |
| 5. 720 | 6. 1080 |
| 7. 512 | 8. 729 |
| 9. 1728 | 10. 1000 |
| 11. 122 | 12. 166 |
| 13. 88 | 14. 136 |
| 15. 258 | 16. 472 |
| 17. 1944 | 18. 1734 |
| 19. 2166 | 20. 2400 |

10

집중 연산 B

158~159쪽

1. (위부터) 484, 720, 494, 660
2. (위부터) 628, 1040, 408, 540
3. (위부터) 348, 432, 460, 600
4. (위부터) 288, 320, 560, 900
5. (위부터) 504, 720, 538, 660
6. (위부터) 472, 672, 684, 1080
7. (위부터) 832, 1536, 1300, 3000
8. (위부터) 864, 1620, 900, 1800
9. (위부터) 600, 1000, 96, 64
10. (위부터) 150, 125, 486, 729
11. (위부터) 294, 343, 1014, 2197
12. (위부터) 1350, 3375, 1734, 4913
13. (위부터) 2400, 8000, 1536, 4096
14. (위부터) 5400, 27000, 2904, 10648
15. (위부터) 1176, 2744, 3750, 15625
16. (위부터) 864, 1728, 9600, 64000

빅터의 플러스 알파

160쪽

1. $6 \div 9 = 0.66666\cdots$
 $7 \div 9 = 0.77777\cdots$
 $8 \div 9 = 0.88888\cdots$
2. $6 \div 11 = 0.545454\cdots$
 $7 \div 11 = 0.636363\cdots$
 $8 \div 11 = 0.727272\cdots$