개념+PLUS 연산 라이트

정답



차례

1 자연수의 혼합 계산 ····· 2

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초등 수학 5·1

1. 자연수의 혼합 계산

1 덧셈과 뺄셈이 섞여 있는 식의 계산

8쪽

1. 17
2. 19
3. 54
4. 28
5. 36
6. 40
7. 59
8. 23
9. 18
10. 50
11. 58
12. 74
13. 76
14. 93

9쪽

15. 8
16. 13
17. 19
18. 16
19. 24
20. 28
21. 39
22. 43
23. 26
24. 65
25. 45
26. 10
27. 27
28. 75

10쪽

13

1. 60
2. 79
3. 67
4. 71
5. 88
6. 9
7. 55
8. 63
9. 77
10. 84
11. 44
12. 38

11쪽

13. 15
14. 18
15. 29
16. 32
17. 41
18. 31
19. 59
20. 31
21. 66
22. 63
23. 44
24. 28
25. 16
26. 99

2 곱셈과 나눗셈이 섞여 있는 식의 계산

12쪽

1. 12
2. 16
3. 5
4. 35
5. 20
6. 92
7. 10
8. 16
9. 12
10. 35
11. 10
12. 15
13. 30
14. 24

13쪽

15. 2
16. 5
17. 7
18. 3
19. 8
20. 4
21. 3
22. 8
23. 16
24. 20
25. 63
26. 15
27. 3
28. 4

14쪽

4

1 35
2 63
3 20
4 72
5 30
6 15
7 48
8 84
9 60
10 12
11 18
12 39

15쪽

13 2
14 9
15 4
16 7
17 6
18 5
19 11
20 6
21 33
22 45
23 12
24 18
25 4
26 5

1~2 다르게 풀기

16쪽

1 40, 10
2 47, 33
3 60, 34
4 78, 26
5 123, 59
6 8, 2
7 64, 4
8 175, 7
9 72, 2
10 45, 5

17쪽

11 26, 34
12 87, 41
13 86, 62
14 26, 84
15 54, 6
16 104, 26
17 1, 81
18 18, 2
19 16, 3, 4, 12

3 덧셈, 뺄셈, 곱셈이 섞여 있는 식의 계산

18쪽

1 49
2 51
3 108
4 22
5 131
6 100
7 15
8 55
9 36
10 77
11 47
12 84
13 135
14 92

19쪽

15 72
16 88
17 168
18 91
19 225
20 124
21 560
22 35
23 38
24 126
25 78
26 136
27 40
28 209

20쪽

21, 58

1 17
2 107
3 39
4 308
5 192
6 41
7 50
8 103
9 35
10 83
11 50
12 96

21쪽

13 150
14 88
15 140
16 195
17 427
18 204
19 321
20 52
21 87
22 162
23 113
24 124
25 212
26 35

4 덧셈, 뺄셈, 나눗셈이 섞여 있는 식의 계산

22쪽

❶ 1
❷ 13
❸ 18
❹ 35
❺ 5
❻ 63
❼ 79
❽ 8
❾ 17
❿ 29
⓫ 10
⓬ 26
⓭ 51
⓮ 45

23쪽

⓯ 3
⓰ 5
⓱ 6
⓲ 7
⓳ 4
⓴ 21
㉑ 13
㉒ 8
㉓ 3
㉔ 12
㉕ 23
㉖ 60
㉗ 69
㉘ 75

24쪽

5, 16

❶ 33
❷ 31
❸ 9
❹ 81
❺ 103
❻ 12
❼ 20
❽ 24
❾ 62
❿ 24
⓫ 124
⓬ 119

25쪽

⓭ 5
⓮ 12
⓯ 2
⓰ 3
⓱ 7
⓲ 23
⓳ 6
⓴ 15
㉑ 30
㉒ 43
㉓ 57
㉔ 9
㉕ 8
㉖ 6

5 덧셈, 뺄셈, 곱셈, 나눗셈이 섞여 있는 식의 계산

26쪽

❶ 45
❷ 25
❸ 30
❹ 17
❺ 96
❻ 46
❼ 41

27쪽

❽ 29
❾ 21
❿ 2
⓫ 49
⓬ 11
⓭ 97
⓮ 72
⓯ 22
⓰ 286
⓱ 26
⓲ 2
⓳ 48
⓴ 19
㉑ 168

28쪽

13

❶ 27
❷ 20
❸ 23
❹ 32
❺ 62
❻ 16
❼ 99
❽ 119
❾ 186
❿ 213
⓫ 160
⓬ 11

29쪽

⓭ 19
⓮ 5
⓯ 71
⓰ 49
⓱ 149
⓲ 95
⓳ 19
⓴ 91
㉑ 117
㉒ 128
㉓ 19
㉔ 68
㉕ 75
㉖ 106

3~5 다르게 풀기

30쪽

1. 33, 15
2. 27, 4
3. 16, 140
4. 64, 61
5. 430, 312
6. 17, 23
7. 41, 25
8. 46, 40
9. 80, 30
10. 29, 2

31쪽

11. 29, 41
12. 24, 12
13. 20, 5
14. 122, 32
15. 30, 54
16. 79, 34
17. 40, 4, 6, 3, 10

그림으로 풀기

32~33쪽



평가

34쪽

1 22
2 29
3 16
4 37
5 24
6 20
7 4
8 10
9 19
10 260
11 95
12 106
13 27
14 2

35쪽

15 16
16 58
17 37
18 145
19 71
20 113
21 44, 18
22 108, 3
23 168, 72
24 80, 77
25 36, 129

2. 약수와 배수

1 약수

38쪽

1. (위에서부터) 1, 2, 3 / 1, 3
2. (위에서부터) 1, 2, 3, 4, 5 / 1, 5
3. (위에서부터) 1, 2, 3, 4, 5, 6, 7, 8 / 1, 2, 4, 8

39쪽

4. 1, 7
5. 1, 2, 3, 4, 6, 12
6. 1, 3, 5, 15
7. 1, 3, 7, 21
8. 1, 2, 3, 4, 6, 8, 12, 24
9. 1, 2, 4, 7, 14, 28
10. 1, 2, 3, 5, 6, 10, 15, 30
11. 1, 3, 11, 33
12. 1, 2, 3, 6, 7, 14, 21, 42
13. 1, 7, 49
14. 1, 2, 3, 6, 9, 18, 27, 54
15. 1, 5, 13, 65

40쪽

3, 3

1. 1, 2, 5, 10
2. 1, 11
3. 1, 2, 7, 14
4. 1, 2, 4, 8, 16
5. 1, 17
6. 1, 2, 3, 6, 9, 18
7. 1, 2, 4, 5, 10, 20
8. 1, 23
9. 1, 5, 25
10. 1, 2, 4, 8, 16, 32

41쪽

11. 1, 5, 7, 35
12. 1, 2, 3, 4, 6, 9, 12, 18, 36
13. 1, 3, 13, 39
14. 1, 2, 4, 11, 22, 44
15. 1, 3, 5, 9, 15, 45
16. 1, 2, 3, 4, 6, 8, 12, 16, 24, 48
17. 1, 2, 5, 10, 25, 50
18. 1, 3, 17, 51
19. 1, 3, 7, 9, 21, 63
20. 1, 2, 4, 17, 34, 68
21. 1, 3, 23, 69
22. 1, 2, 3, 4, 6, 8, 9, 12, 18, 24, 36, 72

2 배수

42쪽

1. 3, 6, 9 / 3, 6, 9
2. 7, 14, 21 / 7, 14, 21
3. 15, 30, 45 / 15, 30, 45

43쪽

4. 2, 4, 6, 8
5. 5, 10, 15, 20
6. 8, 16, 24, 32
7. 13, 26, 39, 52
8. 16, 32, 48, 64
9. 18, 36, 54, 72
10. 21, 42, 63, 84
11. 25, 50, 75, 100
12. 27, 54, 81, 108
13. 32, 64, 96, 128
14. 35, 70, 105, 140
15. 42, 84, 126, 168

44쪽

15, 15

1. 9, 18, 27, 36
2. 10, 20, 30, 40
3. 12, 24, 36, 48
4. 17, 34, 51, 68
5. 19, 38, 57, 76
6. 20, 40, 60, 80
7. 22, 44, 66, 88
8. 23, 46, 69, 92
9. 24, 48, 72, 96
10. 29, 58, 87, 116

45쪽

11. 31, 62, 93, 124
12. 33, 66, 99, 132
13. 36, 72, 108, 144
14. 38, 76, 114, 152
15. 40, 80, 120, 160
16. 41, 82, 123, 164
17. 44, 88, 132, 176
18. 45, 90, 135, 180
19. 50, 100, 150, 200
20. 53, 106, 159, 212
21. 55, 110, 165, 220
22. 62, 124, 186, 248

1~2 다르게 풀기

46쪽

1. 1, 2, 4, 8 / 1, 2, 4, 8
2. 1, 2, 5, 10 / 1, 2, 5, 10
3. 1, 2, 4, 8, 16 / 1, 2, 4, 8, 16
4. 1, 2, 4, 7, 14, 28 / 1, 2, 4, 7, 14, 28

47쪽

5. ○
6. ×
7. ×
8. ○
9. ○
10. ×
11. ×
12. ○
13. ×
14. ×
15. ○
16. ○

3 공약수, 최대공약수

48쪽

1. 1, 2 / 2
2. 1, 7 / 7
3. 1, 2, 4 / 4
4. 1, 2, 3, 4, 6, 12 / 12

49쪽

5. 1, 2, 3, 6 / 1, 3, 5, 15 / 1, 3 / 3
6. 1, 2, 4, 8 / 1, 2, 4, 5, 10, 20 / 1, 2, 4 / 4
7. 1, 2, 4, 7, 14, 28 / 1, 5, 7, 35 / 1, 7 / 7
8. 1, 2, 4, 5, 8, 10, 20, 40 / 1, 2, 4, 7, 8, 14, 28, 56 / 1, 2, 4, 8 / 8
9. 1, 3, 5, 9, 15, 45 / 1, 2, 3, 6, 9, 18 / 1, 3, 9 / 9
10. 1, 2, 5, 10, 25, 50 / 1, 2, 3, 5, 6, 10, 15, 30 / 1, 2, 5, 10 / 10

4 곱셈식을 이용하여 최대공약수를 구하는 방법

50쪽

1. 3, 3 / 3
2. 5, 5 / 5
3. 5, 5 / 5
4. 7, 5 / 4
5. 13, 13 / 13
6. 7, 7 / 14
7. 5, 5 / 15
8. 5, 7 / 10

51쪽

9. 예 3×5, 5×5 / 5
10. 예 3×7, 7×7 / 7
11. 예 2×13, $2\times2\times13$ / 26
12. 예 3×11, $2\times2\times11$ / 11
13. 예 $2\times3\times7$, $2\times3\times5$ / 6
14. 예 $3\times3\times5$, $3\times3\times3$ / 9
15. 예 $2\times3\times11$, $3\times3\times11$ / 33
16. 예 $3\times5\times5$, $2\times5\times5$ / 25

52쪽

4, 4

1. 예 3×5, $2\times2\times5$ / 5
2. 예 $2\times2\times2\times2$, $2\times2\times2\times3$ / 8
3. 예 $2\times3\times3$, $3\times3\times3$ / 9
4. 예 $2\times3\times5$, $2\times2\times3\times5$ / 30
5. 예 5×7, $2\times2\times2\times7$ / 7
6. 예 3×13, $2\times2\times13$ / 13
7. 예 $2\times2\times2\times5$, $2\times2\times2\times2\times2$ / 8

53쪽

8. 예 $2\times2\times11$, $2\times2\times7$ / 4
9. 예 $3\times3\times5$, $3\times3\times7$ / 9
10. 예 $2\times5\times5$, $2\times2\times2\times2\times5$ / 10
11. 예 $2\times3\times3\times3$, $2\times2\times3\times3$ / 18
12. 예 $2\times2\times2\times7$, $2\times3\times7$ / 14
13. 예 $2\times2\times3\times5$, $3\times5\times5$ / 15
14. 예 $3\times3\times7$, $2\times2\times3\times7$ / 21
15. 예 $2\times3\times3\times5$, $2\times2\times2\times3\times3$ / 18

5 공약수로 나누어 최대공약수를 구하는 방법

54쪽

❶ 2 / 2
❷ 3 / 3
❸ 2, 2 / 4
❹ 2, 3 / 6
❺ 5 / 5
❻ 7 / 7
❼ 3, 3 / 9
❽ 2, 5 / 10

55쪽

❾ 2) 6 10 / 2
3 5

❿ 5) 15 20 / 5
3 4

⓫ 예 2) 28 16 / 4
2) 14 8
7 4

⓬ 예 2) 30 36 / 6
3) 15 18
5 6

⓭ 3) 33 27 / 3
11 9

⓮ 7) 35 28 / 7
5 4

⓯ 예 3) 45 75 / 15
5) 15 25
3 5

⓰ 예 3) 72 81 / 9
3) 24 27
8 9

56쪽

4, 4

❶ 예 2) 24 16 / 8
2) 12 8
2) 6 4
3 2

❷ 예 2) 30 12 / 6
3) 15 6
5 2

❸ 예 2) 32 48 / 16
2) 16 24
2) 8 12
2) 4 6
2 3

❹ 예 3) 36 45 / 9
3) 12 15
4 5

❺ 예 2) 40 56 / 8
2) 20 28
2) 10 14
5 7

❻ 예 2) 42 30 / 6
3) 21 15
7 5

❼ 예 2) 48 72 / 24
2) 24 36
2) 12 18
3) 6 9
2 3

57쪽

❽ 예 2) 52 64 / 4
2) 26 32
13 16

❾ 예 2) 60 84 / 12
2) 30 42
3) 15 21
5 7

❿ 예 2) 70 42 / 14
7) 35 21
5 3

⓫ 예 2) 72 96 / 24
2) 36 48
2) 18 24
3) 9 12
3 4

⓬ 예 2) 78 52 / 26
13) 39 26
3 2

⓭ 예 2) 84 56 / 28
2) 42 28
7) 21 14
3 2

⓮ 예 3) 90 81 / 9
3) 30 27
10 9

⓯ 예 2) 96 80 / 16
2) 48 40
2) 24 20
2) 12 10
6 5

6 공배수, 최소공배수

58쪽

❶ 12, 24 / 12
❷ 18, 36 / 18
❸ 30, 60 / 30
❹ 36, 72 / 36

59쪽

❺ 3, 6, 9, 12, 15 / 5, 10, 15, 20, 25 / 15, 30 / 15
❻ 6, 12, 18, 24, 30 / 8, 16, 24, 32, 40 / 24, 48 / 24
❼ 4, 8, 12, 16, 20 / 10, 20, 30, 40, 50 / 20, 40 / 20
❽ 7, 14, 21, 28, 35 / 14, 28, 42, 56, 70 / 14, 28 / 14
❾ 12, 24, 36, 48, 60 / 18, 36, 54, 72, 90 / 36, 72 / 36
❿ 15, 30, 45, 60, 75 / 20, 40, 60, 80, 100 / 60, 120 / 60

7 곱셈식을 이용하여 최소공배수를 구하는 방법

60쪽

1. 2, 5 / 20
2. 3, 7 / 63
3. 3, 7 / 84
4. 3, 5 / 90
5. 5, 5 / 100
6. 11, 11 / 165
7. 5, 5 / 225
8. 7, 3 / 189

61쪽

9. 예 2×3, 3×5 / 30
10. 예 $2\times2\times2$, $2\times2\times5$ / 40
11. 예 3×5, $2\times3\times3$ / 90
12. 예 3×7, $2\times3\times7$ / 42
13. 예 5×5, 5×7 / 175
14. 예 $3\times3\times3$, $3\times3\times5$ / 135
15. 예 $2\times3\times5$, $2\times2\times3$ / 60
16. 예 $2\times3\times7$, $3\times3\times7$ / 126

62쪽

3, 24, 24

1. 예 $2\times2\times3$, $2\times2\times2\times2$ / 48
2. 예 3×5, $3\times3\times3$ / 135
3. 예 $2\times3\times3$, 3×7 / 126
4. 예 $2\times2\times5$, $2\times3\times5$ / 60
5. 예 $2\times2\times2\times3$, $2\times2\times2\times5$ / 120
6. 예 5×5, $3\times3\times5$ / 225
7. 예 $3\times3\times3$, $2\times2\times3\times3$ / 108

63쪽

8. 예 $2\times2\times7$, $2\times3\times7$ / 84
9. 예 $2\times3\times5$, $2\times5\times5$ / 150
10. 예 $2\times2\times3\times3$, $2\times2\times5$ / 180
11. 예 $2\times2\times11$, 3×11 / 132
12. 예 $3\times3\times5$, $2\times2\times2\times3\times3$ / 360
13. 예 $2\times2\times2\times7$, $2\times2\times2\times3$ / 168
14. 예 $3\times3\times3\times3$, $2\times3\times3\times3$ / 162
15. 예 $2\times3\times3\times5$, $2\times2\times3\times5$ / 180

8 공약수로 나누어 최소공배수를 구하는 방법

64쪽

1. 2 / 12
2. 3 / 45
3. 2, 2 / 24
4. 2, 3 / 90
5. 7 / 84
6. 5 / 50
7. 2, 7 / 84
8. 3, 3 / 108

65쪽

9. $2)\,10\ \ 12$ / 60
   $5\ \ 6$
10. $7)\,14\ \ 21$ / 42
    $2\ \ 3$
11. 예 $3)\,15\ \ 45$ / 45
    $5)\,5\ \ 15$
    $1\ \ 3$
12. 예 $2)\,16\ \ 20$ / 80
    $2)\,8\ \ 10$
    $4\ \ 5$
13. $5)\,20\ \ 35$ / 140
    $4\ \ 7$
14. $11)\,22\ \ 33$ / 66
    $2\ \ 3$
15. 예 $3)\,27\ \ 18$ / 54
    $3)\,9\ \ 6$
    $3\ \ 2$
16. 예 $2)\,30\ \ 40$ / 120
    $5)\,15\ \ 20$
    $3\ \ 4$

66쪽

60, 60

❶ 예 3) 18 45 / 90
3) 6 15
2 5

❷ 예 2) 24 36 / 72
2) 12 18
3) 6 9
2 3

❸ 예 2) 32 48 / 96
2) 16 24
2) 8 12
2) 4 6
2 3

❹ 예 2) 36 20 / 180
2) 18 10
9 5

❺ 예 3) 42 63 / 126
7) 14 21
2 3

❻ 예 3) 45 90 / 90
3) 15 30
5) 5 10
1 2

❼ 예 2) 48 72 / 144
2) 24 36
2) 12 18
3) 6 9
2 3

67쪽

❽ 예 2) 52 24 / 312
2) 26 12
13 6

❾ 예 2) 56 42 / 168
7) 28 21
4 3

❿ 예 2) 60 30 / 60
3) 30 15
5) 10 5
2 1

⓫ 예 2) 64 80 / 320
2) 32 40
2) 16 20
2) 8 10
4 5

⓬ 예 2) 70 50 / 350
5) 35 25
7 5

⓭ 예 2) 78 52 / 156
13) 39 26
3 2

⓮ 예 3) 81 54 / 162
3) 27 18
3) 9 6
3 2

⓯ 예 2) 96 72 / 288
2) 48 36
2) 24 18
3) 12 9
4 3

3~8 다르게 풀기

68쪽

❶ 예 3×3, 3×5
/ 3, 45

❷ 예 2×3×3,
2×3×7 / 6, 126

❸ 예 2×2×3×3,
2×2×5 / 4, 180

❹ 예 2) 12 28
2) 6 14
3 7
/ 4, 84

❺ 예 3) 30 45
5) 10 15
2 3
/ 15, 90

❻ 예 2) 48 36
2) 24 18
3) 12 9
4 3
/ 12, 144

69쪽

❼ 2, 24

❽ 3, 135

❾ 6, 36

❿ 5, 150

⓫ 8, 160

⓬ 14, 168

⓭ 18, 360

⓮ 27, 162

그림으로 풀기

70~71쪽



평가

72쪽

1 1, 2, 4
2 1, 3, 9, 27
3 1, 2, 4, 5, 8, 10, 20, 40
4 7, 14, 21, 28, 35
5 11, 22, 33, 44, 55
6 30, 60, 90, 120, 150
7 ○
8 ×
9 ○
10 ○
11 ×
12 ○

73쪽

13 1, 3, 9 / 9
14 1, 2, 4, 8 / 8
15 36, 72 / 36
16 30, 60 / 30
17 7, 84
18 6, 90
19 18, 108
20 16, 480

3. 대응 관계

1 두 양 사이의 관계

76쪽

1 4, 6, 8 / 2
2 10, 15, 20 / 5
3 6, 9, 12 / 3

77쪽

4 3, 4, 5 / 1
5 3, 4, 5 / 1
6 4, 5, 6 / 2

2 대응 관계를 식으로 나타내기

78쪽

1 6, 9, 12 / ●×3=■ 또는 ■÷3=●
2 3, 4, 5 / ●+1=■ 또는 ■−1=●
3 16, 24, 32 / ●×8=■ 또는 ■÷8=●

79쪽

4 16, 17, 18, 19 / ●+3=■ 또는 ■−3=●
5 12, 18, 24, 30 / ●×6=■ 또는 ■÷6=●
6 140, 210, 280, 350 / ●×70=■ 또는 ■÷70=●

3 실생활 속에서 대응 관계를 찾아 식으로 나타내기

80쪽

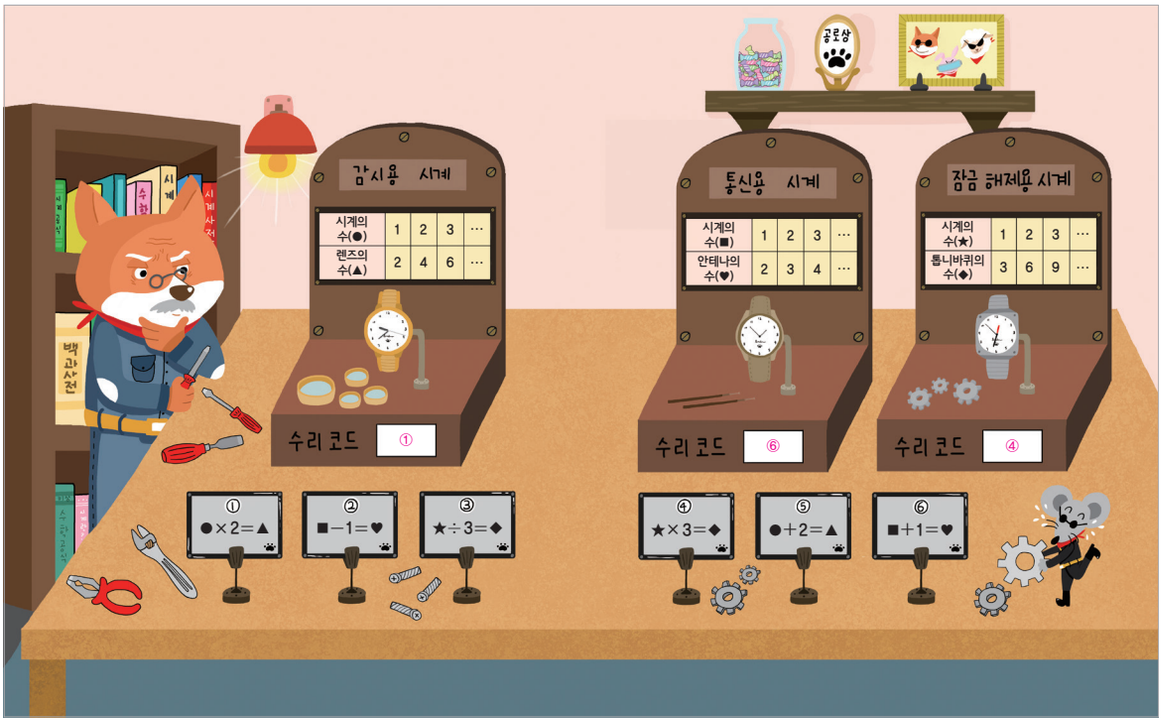
1 ●+1=■ 또는 ■−1=●
2 예 걸린 시간 / ★ / ★×50=▲ 또는 ▲÷50=★
3 예 입장료 / ◆ /
◆×3000=♥ 또는 ♥÷3000=◆

81쪽

4 ●×6=■ 또는 ■÷6=●
5 예 접시의 수 / ▲ / ▲×4=★ 또는 ★÷4=▲
6 예 접시의 수 / ◆ /
◆×2=♥ 또는 ♥÷2=◆

그림으로 풀기

82~83쪽



평가

84쪽

1 6, 9, 12 / 3
2 12, 18, 24 / 6
3 3, 4, 5 / 1
4 8, 12, 16 / 4
5 4, 5, 6 / 2
6 6, 7, 8 / 4

85쪽

7 8, 12, 16 / ●×4=■ 또는 ■÷4=●
8 13, 14, 15 / ●+5=■ 또는 ■−5=●
9 ■×42=● 또는 ●÷42=■
10 예 앉은 사람의 수 / ★ / ▲×3=★ 또는 ★÷3=▲
11 예 도막의 수 / ◆ / ◆+1=♥ 또는 ♥−1=◆

4. 약분과 통분

1 크기가 같은 분수

88쪽

❶ $\frac{2}{6}$
❷ $\frac{9}{12}$
❸ 4, 4
❹ 5, 5
❺ 7, 7, 49
❻ $\frac{10}{45}$
❼ $\frac{28}{40}$
❽ 2, 2
❾ 6, 6
❿ 3, 3, 12

89쪽

⓫ $\frac{2}{3}$
⓬ $\frac{1}{4}$
⓭ 3, 3
⓮ 5, 5
⓯ 6, 6, 8
⓰ $\frac{4}{17}$
⓱ $\frac{5}{6}$
⓲ 7, 7
⓳ 4, 4
⓴ 2, 2, 37

90쪽

0, 2, 2

❶ $\frac{2}{8}$, $\frac{3}{12}$, $\frac{4}{16}$
❷ $\frac{6}{10}$, $\frac{9}{15}$, $\frac{12}{20}$
❸ $\frac{10}{12}$, $\frac{15}{18}$, $\frac{20}{24}$
❹ $\frac{12}{14}$, $\frac{18}{21}$, $\frac{24}{28}$
❺ $\frac{14}{16}$, $\frac{21}{24}$, $\frac{28}{32}$
❻ $\frac{8}{18}$, $\frac{12}{27}$, $\frac{16}{36}$
❼ $\frac{6}{20}$, $\frac{9}{30}$, $\frac{12}{40}$
❽ $\frac{22}{24}$, $\frac{33}{36}$, $\frac{44}{48}$
❾ $\frac{18}{26}$, $\frac{27}{39}$, $\frac{36}{52}$
❿ $\frac{14}{30}$, $\frac{21}{45}$, $\frac{28}{60}$
⓫ $\frac{10}{36}$, $\frac{15}{54}$, $\frac{20}{72}$
⓬ $\frac{22}{40}$, $\frac{33}{60}$, $\frac{44}{80}$

91쪽

0, 2, 4

⓭ $\frac{3}{6}$, $\frac{2}{4}$, $\frac{1}{2}$
⓮ $\frac{4}{12}$, $\frac{2}{6}$, $\frac{1}{3}$
⓯ $\frac{6}{15}$, $\frac{4}{10}$, $\frac{2}{5}$
⓰ $\frac{12}{21}$, $\frac{8}{14}$, $\frac{4}{7}$
⓱ $\frac{18}{24}$, $\frac{12}{16}$, $\frac{9}{12}$
⓲ $\frac{18}{27}$, $\frac{12}{18}$, $\frac{6}{9}$
⓳ $\frac{5}{20}$, $\frac{3}{12}$, $\frac{1}{4}$
⓴ $\frac{12}{32}$, $\frac{6}{16}$, $\frac{3}{8}$
㉑ $\frac{14}{35}$, $\frac{4}{10}$, $\frac{2}{5}$
㉒ $\frac{8}{36}$, $\frac{4}{18}$, $\frac{2}{9}$
㉓ $\frac{32}{40}$, $\frac{16}{20}$, $\frac{8}{10}$
㉔ $\frac{42}{48}$, $\frac{28}{32}$, $\frac{21}{24}$

2 약분

92쪽

❶ 1
❷ 2
❸ 6, 3
❹ 2, 1
❺ 7
❻ 9, 3
❼ 3, 1
❽ 8, 4, 2

93쪽

❾ 1
❿ 2
⓫ 2
⓬ 3
⓭ 3
⓮ 7
⓯ 1
⓰ 2
⓱ 3
⓲ 5
⓳ 9
⓴ 4
㉑ 4
㉒ 5
㉓ 5
㉔ 5
㉕ 5
㉖ 1
㉗ 5
㉘ 9
㉙ 7

94쪽

2, 2, 4

❶ $\frac{6}{9}, \frac{2}{3}$

❷ $\frac{4}{20}, \frac{2}{10}, \frac{1}{5}$

❸ $\frac{20}{25}, \frac{8}{10}, \frac{4}{5}$

❹ $\frac{9}{18}, \frac{3}{6}, \frac{1}{2}$

❺ $\frac{15}{20}, \frac{9}{12}, \frac{3}{4}$

❻ $\frac{14}{35}, \frac{4}{10}, \frac{2}{5}$

❼ $\frac{6}{36}, \frac{4}{24}, \frac{3}{18}, \frac{2}{12}, \frac{1}{6}$

❽ $\frac{10}{15}, \frac{2}{3}$

❾ $\frac{7}{28}, \frac{3}{12}, \frac{1}{4}$

❿ $\frac{27}{45}, \frac{18}{30}, \frac{9}{15}, \frac{6}{10}, \frac{3}{5}$

⓫ $\frac{23}{46}, \frac{2}{4}, \frac{1}{2}$

⓬ $\frac{40}{48}, \frac{20}{24}, \frac{10}{12}, \frac{5}{6}$

95쪽

3, 3, 4

⓭ $\frac{2}{3}$

⓮ $\frac{4}{5}$

⓯ $\frac{4}{5}$

⓰ $\frac{1}{3}$

⓱ $\frac{7}{9}$

⓲ $\frac{7}{12}$

⓳ $\frac{5}{9}$

⓴ $\frac{6}{7}$

㉑ $\frac{5}{7}$

㉒ $\frac{1}{2}$

㉓ $\frac{2}{3}$

㉔ $\frac{5}{6}$

3 통분

96쪽

❶ 3, 2, $\frac{3}{6}, \frac{4}{6}$

❷ 6, 3, $\frac{6}{18}, \frac{15}{18}$

❸ 7, 4, $\frac{21}{28}, \frac{8}{28}$

❹ 9, 5, $\frac{27}{45}, \frac{10}{45}$

❺ 8, 7, $\frac{40}{56}, \frac{49}{56}$

❻ 4, 8, $\frac{12}{32}, \frac{24}{32}$

❼ 7, 9, $\frac{49}{63}, \frac{36}{63}$

97쪽

❽ 3, 2, $\frac{9}{12}, \frac{2}{12}$

❾ 2, $\frac{4}{10}, \frac{7}{10}$

❿ 3, 2, $\frac{3}{24}, \frac{14}{24}$

⓫ 3, 2, $\frac{27}{42}, \frac{16}{42}$

⓬ 3, 5, $\frac{24}{45}, \frac{10}{45}$

⓭ 2, 3, $\frac{10}{36}, \frac{33}{36}$

⓮ 3, 2, $\frac{39}{60}, \frac{34}{60}$

98쪽

48, 48, 48

❶ $\frac{14}{21}, \frac{15}{21}$

❷ $\frac{15}{27}, \frac{18}{27}$

❸ $\frac{14}{35}, \frac{30}{35}$

❹ $\frac{13}{39}, \frac{24}{39}$

❺ $\frac{12}{48}, \frac{44}{48}$

❻ $\frac{40}{48}, \frac{18}{48}$

❼ $\frac{48}{54}, \frac{9}{54}$

❽ $\frac{42}{56}, \frac{20}{56}$

❾ $\frac{55}{66}, \frac{12}{66}$

❿ $\frac{40}{70}, \frac{49}{70}$

⓫ $\frac{45}{75}, \frac{40}{75}$

⓬ $\frac{70}{80}, \frac{56}{80}$

99쪽

24, 24, 24

⓭ $\frac{2}{6}, \frac{1}{6}$

⓮ $\frac{3}{10}, \frac{4}{10}$

⓯ $\frac{8}{18}, \frac{5}{18}$

⓰ $\frac{9}{21}, \frac{2}{21}$

⓱ $\frac{20}{24}, \frac{15}{24}$

⓲ $\frac{22}{36}, \frac{9}{36}$

⓳ $\frac{33}{36}, \frac{14}{36}$

⓴ $\frac{35}{40}, \frac{18}{40}$

㉑ $\frac{40}{45}, \frac{12}{45}$

㉒ $\frac{15}{50}, \frac{16}{50}$

㉓ $\frac{21}{60}, \frac{35}{60}$

㉔ $\frac{14}{63}, \frac{12}{63}$

4 분수의 크기 비교

100쪽

1. 3, 4, <
2. 21, 20, >
3. 18, 20, <
4. 9, 12, <
5. 33, 40, <
6. 49, 36, >
7. 10, 13, <

101쪽

8. 3, 2, >
9. 9, 8, >
10. 20, 15, >
11. 15, 28, <
12. 20, 27, <
13. 52, 63, <
14. 36, 35, >

102쪽

>

1. >
2. <
3. >
4. >
5. <
6. <
7. <
8. >
9. >
10. <
11. >
12. >
13. >
14. >
15. <
16. >
17. <
18. <
19. <

103쪽

20. >
21. <
22. >
23. >
24. >
25. <
26. <
27. >
28. <
29. >
30. <
31. >
32. <
33. >
34. <
35. >
36. >
37. >
38. <
39. <
40. <

계산 비법 외우면 빨라지는 계산

104쪽

1. 0.5
2. 0.25
3. 0.2
4. 0.125
5. 0.1
6. 0.05
7. 0.04
8. 0.025
9. 0.02
10. 0.01

105쪽

11. 0.75
12. 0.4
13. 0.6
14. 0.8
15. 0.375
16. 0.625
17. 0.875
18. $\frac{1}{2}$
19. $\frac{1}{4}$
20. $\frac{1}{5}$
21. $\frac{1}{8}$
22. $\frac{1}{20}$
23. $\frac{1}{50}$
24. $\frac{1}{1000}$

5 분수와 소수의 크기 비교

106쪽

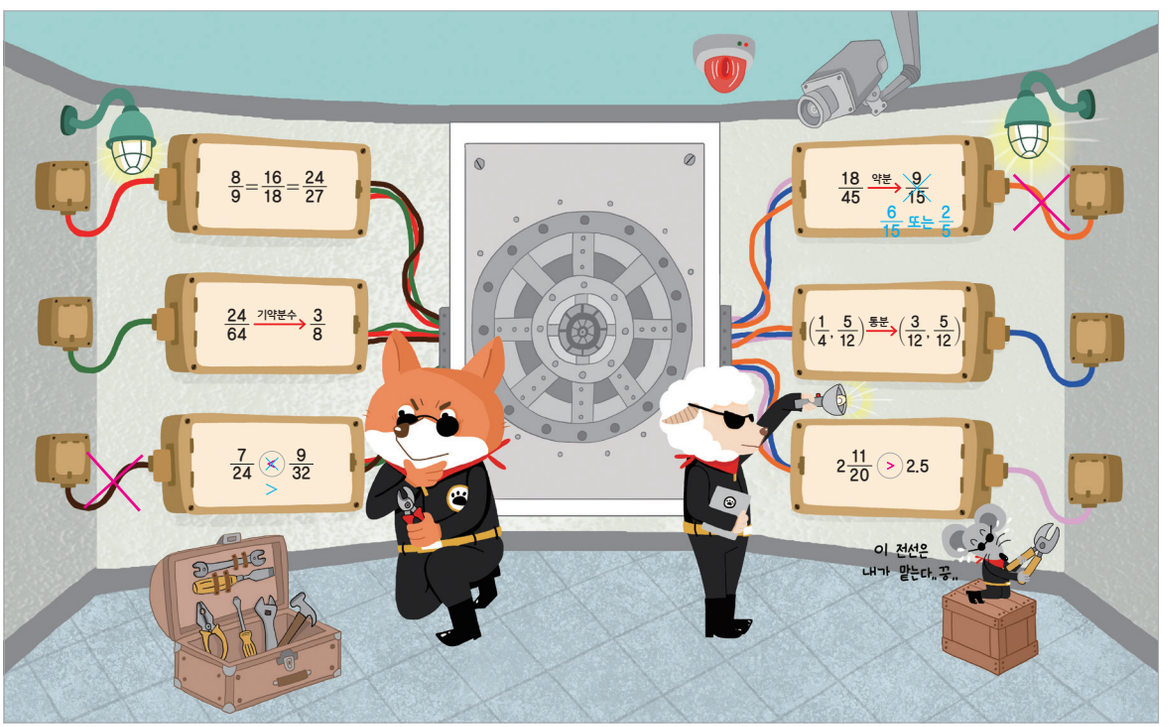
❶ 0.5, <
❷ 0.4, <
❸ 0.75, >
❹ 3, 3, 4, <
❺ 9, 4, 9, 8, >

107쪽

❻ >
❼ <
❽ =
❾ <
❿ <
⓫ >
⓬ >
⓭ =
⓮ <
⓯ >
⓰ <
⓱ >
⓲ <
⓳ >
⓴ >
㉑ >
㉒ <
㉓ =
㉔ <
㉕ >
㉖ >

그림으로 풀기

108~109쪽



평가

110쪽

1 예 $\frac{6}{8}, \frac{9}{12}, \frac{12}{16}$

2 예 $\frac{10}{22}, \frac{15}{33}, \frac{20}{44}$

3 예 $\frac{24}{50}, \frac{36}{75}, \frac{48}{100}$

4 예 $\frac{16}{20}, \frac{8}{10}, \frac{4}{5}$

5 예 $\frac{13}{26}, \frac{2}{4}, \frac{1}{2}$

6 예 $\frac{9}{36}, \frac{6}{24}, \frac{3}{12}$

7 $\frac{4}{10}, \frac{2}{5}$

8 $\frac{18}{27}, \frac{12}{18}, \frac{6}{9}, \frac{4}{6}, \frac{2}{3}$

9 $\frac{7}{21}, \frac{3}{9}, \frac{1}{3}$

10 $\frac{3}{7}$

11 $\frac{1}{4}$

12 $\frac{5}{6}$

111쪽

13 예 $\frac{6}{8}, \frac{7}{8}$

14 예 $\frac{7}{21}, \frac{3}{21}$

15 예 $\frac{15}{36}, \frac{8}{36}$

16 예 $\frac{15}{40}, \frac{24}{40}$

17 예 $\frac{22}{55}, \frac{40}{55}$

18 예 $\frac{36}{80}, \frac{55}{80}$

19 $>$

20 $<$

21 $<$

22 $>$

23 $<$

24 $=$

25 $>$

5. 분수의 덧셈

1 합이 1보다 작은 (진분수)+(진분수)

114쪽

❗ 계산 결과를 기약분수로 나타내지 않아도 정답으로 인정합니다.

❶ $\frac{5}{6}$

❷ $\frac{9}{20}$

❸ $\frac{7}{24}$

❹ $\frac{11}{28}$

❺ $\frac{7}{36}$

❻ $\frac{9}{40}$

❼ $\frac{18}{77}$

❽ $\frac{7}{8}$

❾ $\frac{7}{9}$

❿ $\frac{9}{10}$

⓫ $\frac{11}{12}$

⓬ $\frac{11}{14}$

⓭ $\frac{14}{15}$

⓮ $\frac{17}{18}$

115쪽

⓯ $\frac{17}{20}$

⓰ $\frac{17}{20}$

⓱ $\frac{23}{24}$

⓲ $\frac{19}{24}$

⓳ $\frac{19}{28}$

⓴ $\frac{9}{10}$

㉑ $\frac{31}{33}$

㉒ $\frac{31}{35}$

㉓ $\frac{37}{40}$

㉔ $\frac{41}{45}$

㉕ $\frac{45}{56}$

㉖ $\frac{53}{60}$

㉗ $\frac{59}{60}$

㉘ $\frac{59}{63}$

㉙ $\frac{23}{35}$

㉚ $\frac{67}{72}$

㉛ $\frac{55}{72}$

㉜ $\frac{41}{75}$

㉝ $\frac{71}{84}$

㉞ $\frac{29}{45}$

㉟ $\frac{97}{110}$

116쪽 ❗ 계산 결과를 기약분수로 나타내지 않아도 정답으로 인정합니다.

7

❶ $\frac{1}{2}$
❷ $\frac{7}{10}$
❸ $\frac{5}{18}$
❹ $\frac{11}{24}$
❺ $\frac{13}{36}$
❻ $\frac{16}{55}$
❼ $\frac{11}{60}$
❽ $\frac{5}{8}$
❾ $\frac{5}{9}$
❿ $\frac{1}{2}$
⓫ $\frac{7}{12}$
⓬ $\frac{13}{15}$
⓭ $\frac{13}{18}$
⓮ $\frac{19}{20}$
⓯ $\frac{13}{24}$
⓰ $\frac{17}{24}$
⓱ $\frac{25}{28}$
⓲ $\frac{29}{30}$
⓳ $\frac{7}{9}$

117쪽

⓴ $\frac{29}{36}$
㉑ $\frac{31}{36}$
㉒ $\frac{41}{42}$
㉓ $\frac{37}{45}$
㉔ $\frac{41}{48}$
㉕ $\frac{35}{48}$
㉖ $\frac{47}{56}$
㉗ $\frac{53}{60}$
㉘ $\frac{41}{60}$
㉙ $\frac{47}{66}$
㉚ $\frac{9}{14}$
㉛ $\frac{43}{72}$
㉜ $\frac{50}{81}$
㉝ $\frac{71}{84}$
㉞ $\frac{53}{90}$
㉟ $\frac{44}{45}$
㊱ $\frac{54}{91}$
㊲ $\frac{82}{99}$
㊳ $\frac{89}{100}$
㊴ $\frac{73}{110}$
㊵ $\frac{119}{144}$

2 합이 1보다 큰 (진분수)+(진분수)

118쪽 ❗ 계산 결과를 기약분수나 대분수로 나타내지 않아도 정답으로 인정합니다.

❶ $1\frac{2}{9}$
❷ $1\frac{1}{10}$
❸ $1\frac{1}{2}$
❹ $1\frac{1}{12}$
❺ $1\frac{5}{12}$
❻ $1\frac{1}{4}$
❼ $1\frac{1}{18}$
❽ $1\frac{5}{18}$
❾ $1\frac{1}{6}$
❿ $1\frac{4}{21}$
⓫ $1\frac{7}{24}$
⓬ $1\frac{13}{24}$
⓭ $1\frac{1}{28}$
⓮ $1\frac{13}{30}$

119쪽

⓯ $1\frac{7}{30}$
⓰ $1\frac{3}{35}$
⓱ $1\frac{5}{36}$
⓲ $1\frac{5}{36}$
⓳ $1\frac{11}{36}$
⓴ $1\frac{11}{40}$
㉑ $1\frac{1}{40}$
㉒ $1\frac{11}{42}$
㉓ $1\frac{1}{14}$
㉔ $1\frac{11}{45}$
㉕ $1\frac{5}{48}$
㉖ $1\frac{13}{48}$
㉗ $1\frac{13}{60}$
㉘ $1\frac{13}{60}$
㉙ $1\frac{22}{63}$
㉚ $1\frac{17}{70}$
㉛ $1\frac{5}{84}$
㉜ $1\frac{31}{90}$
㉝ $1\frac{11}{96}$
㉞ $1\frac{28}{99}$
㉟ $1\frac{59}{120}$

120쪽 ❗ 계산 결과를 기약분수나 대분수로 나타내지 않아도 정답으로 인정합니다.

$1\frac{1}{6}$

❶ $1\frac{1}{6}$
❷ $1\frac{3}{8}$
❸ $1\frac{2}{9}$
❹ $1\frac{3}{10}$
❺ $1\frac{7}{12}$
❻ $1\frac{3}{14}$
❼ $1\frac{1}{15}$
❽ $1\frac{13}{18}$
❾ $1\frac{11}{20}$
❿ $1\frac{1}{4}$
⓫ $1\frac{8}{21}$
⓬ $1\frac{1}{3}$
⓭ $1\frac{1}{24}$
⓮ $1\frac{1}{24}$
⓯ $1\frac{1}{8}$
⓰ $1\frac{1}{30}$
⓱ $1\frac{13}{30}$
⓲ $1\frac{8}{35}$
⓳ $1\frac{17}{36}$

121쪽

⓴ $1\frac{9}{40}$
㉑ $1\frac{3}{40}$
㉒ $1\frac{21}{40}$
㉓ $1\frac{5}{42}$
㉔ $1\frac{11}{42}$
㉕ $1\frac{23}{45}$
㉖ $1\frac{4}{15}$
㉗ $1\frac{17}{50}$
㉘ $1\frac{24}{55}$
㉙ $1\frac{5}{56}$
㉚ $1\frac{7}{60}$
㉛ $1\frac{17}{60}$
㉜ $1\frac{5}{72}$
㉝ $1\frac{23}{77}$
㉞ $1\frac{29}{84}$
㉟ $1\frac{19}{85}$
㊱ $1\frac{23}{90}$
㊲ $1\frac{10}{91}$
㊳ $1\frac{17}{100}$
㊴ $1\frac{11}{120}$
㊵ $1\frac{25}{144}$

3 (대분수)+(대분수)

122쪽

계산 결과를 기약분수나 대분수로 나타내지 않아도 정답으로 인정합니다.

1. $2\frac{7}{10}$
2. $4\frac{5}{12}$
3. $3\frac{8}{15}$
4. $3\frac{4}{21}$
5. $5\frac{13}{30}$
6. $4\frac{13}{36}$
7. $2\frac{11}{60}$
8. $2\frac{11}{18}$
9. $3\frac{13}{20}$
10. $2\frac{19}{24}$
11. $6\frac{23}{36}$
12. $3\frac{43}{45}$
13. $5\frac{37}{63}$
14. $4\frac{89}{96}$

123쪽

15. $5\frac{1}{4}$
16. $4\frac{1}{8}$
17. $3\frac{1}{2}$
18. $3\frac{1}{12}$
19. $6\frac{1}{14}$
20. $4\frac{7}{16}$
21. $5\frac{5}{18}$
22. $5\frac{1}{20}$
23. $4\frac{2}{21}$
24. $7\frac{7}{24}$
25. $3\frac{7}{30}$
26. $5\frac{1}{30}$
27. $4\frac{11}{36}$
28. $5\frac{9}{40}$
29. $3\frac{1}{42}$
30. $4\frac{14}{45}$
31. $8\frac{11}{48}$
32. $5\frac{9}{56}$
33. $9\frac{23}{60}$
34. $6\frac{25}{72}$
35. $7\frac{17}{80}$

124쪽

계산 결과를 기약분수나 대분수로 나타내지 않아도 정답으로 인정합니다.

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

1. $2\frac{5}{8}$
2. $5\frac{3}{5}$
3. $7\frac{7}{12}$
4. $2\frac{3}{10}$
5. $5\frac{12}{35}$
6. $6\frac{16}{39}$
7. $6\frac{3}{20}$
8. $3\frac{5}{8}$
9. $3\frac{8}{9}$
10. $6\frac{3}{4}$
11. $7\frac{19}{24}$
12. $4\frac{7}{10}$
13. $3\frac{31}{36}$
14. $4\frac{33}{40}$
15. $3\frac{41}{42}$
16. $3\frac{38}{45}$
17. $8\frac{39}{50}$
18. $3\frac{53}{56}$
19. $7\frac{53}{60}$

125쪽

20. $5\frac{1}{2}$
21. $3\frac{1}{12}$
22. $4\frac{5}{14}$
23. $6\frac{7}{15}$
24. $5\frac{3}{20}$
25. $4\frac{1}{24}$
26. $4\frac{17}{28}$
27. $7\frac{7}{30}$
28. $6\frac{3}{40}$
29. $9\frac{1}{6}$
30. $7\frac{2}{45}$
31. $7\frac{5}{48}$
32. $5\frac{28}{55}$
33. $6\frac{15}{56}$
34. $8\frac{20}{63}$
35. $4\frac{13}{72}$
36. $3\frac{4}{75}$
37. $4\frac{23}{84}$
38. $7\frac{1}{88}$
39. $8\frac{8}{45}$
40. $7\frac{7}{108}$

1~3 다르게 풀기

126쪽

계산 결과를 기약분수나 대분수로 나타내지 않아도 정답으로 인정합니다.

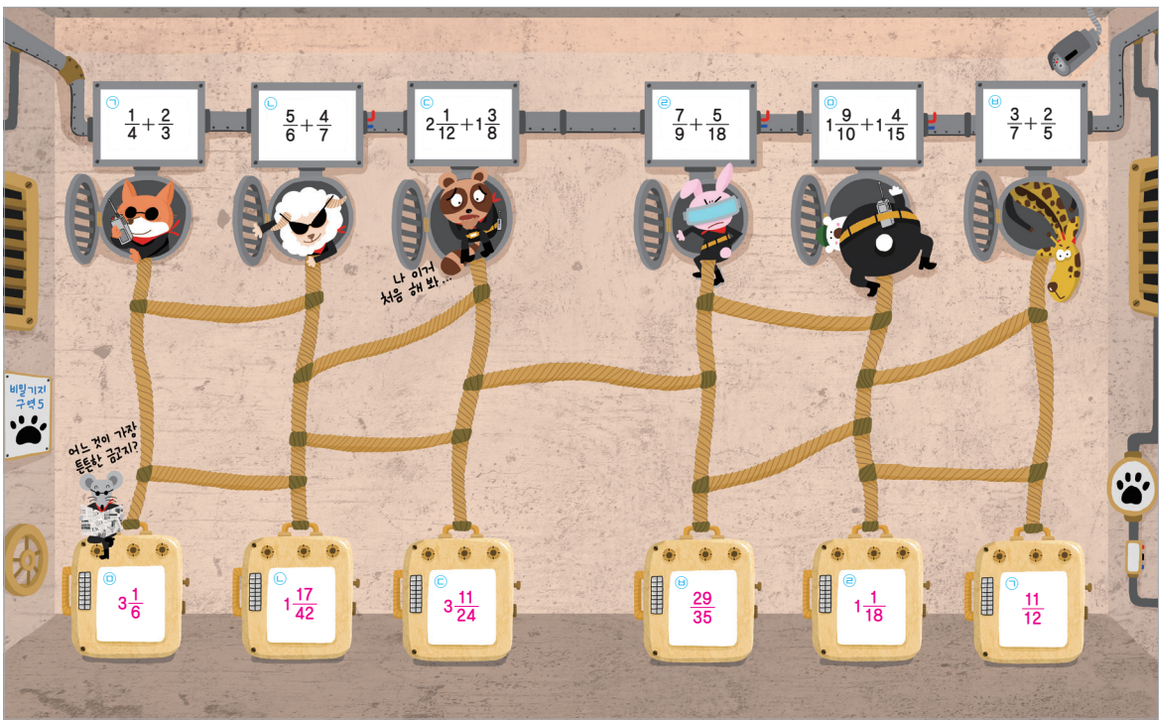
1. $\frac{7}{12}$
2. $1\frac{4}{15}$
3. $2\frac{7}{18}$
4. $5\frac{13}{28}$
5. $1\frac{1}{10}$
6. $2\frac{24}{35}$
7. $\frac{29}{40}$
8. $5\frac{15}{56}$

127쪽

9. $3\frac{11}{14}$
10. $1\frac{7}{20}$
11. $\frac{13}{24}$
12. $4\frac{5}{24}$
13. $2\frac{9}{10}$
14. $\frac{41}{48}$
15. $7\frac{11}{60}$
16. $1\frac{1}{45}$
17. $4\frac{1}{2}$, $7\frac{3}{5}$, $12\frac{1}{10}$

그림으로 풀기

128~129쪽



평가

130쪽

❗ 계산 결과를 기약분수나 대분수로 나타내지 않아도 정답으로 인정합니다.

1 $\frac{3}{4}$
2 $\frac{5}{8}$
3 $\frac{13}{18}$
4 $\frac{20}{21}$
5 $\frac{23}{24}$
6 $\frac{29}{30}$
7 $\frac{29}{36}$
8 $1\frac{1}{10}$
9 $1\frac{5}{12}$
10 $1\frac{5}{18}$
11 $1\frac{1}{6}$
12 $1\frac{7}{36}$
13 $1\frac{21}{40}$
14 $1\frac{19}{48}$

131쪽

15 $3\frac{9}{14}$
16 $3\frac{13}{18}$
17 $2\frac{17}{21}$
18 $7\frac{7}{24}$
19 $6\frac{2}{15}$
20 $5\frac{7}{36}$
21 $5\frac{1}{45}$
22 $\frac{38}{45}$
23 $1\frac{1}{10}$
24 $6\frac{13}{16}$
25 $5\frac{1}{21}$

6. 분수의 뺄셈

1 (진분수)−(진분수)

134쪽 ❗ 계산 결과를 기약분수로 나타내지 않아도 정답으로 인정합니다.

1. $\frac{1}{6}$
2. $\frac{1}{10}$
3. $\frac{1}{12}$
4. $\frac{1}{18}$
5. $\frac{2}{35}$
6. $\frac{2}{45}$
7. $\frac{1}{60}$
8. $\frac{1}{4}$
9. $\frac{1}{9}$
10. $\frac{1}{10}$
11. $\frac{5}{12}$
12. $\frac{1}{14}$
13. $\frac{7}{15}$
14. $\frac{1}{18}$

135쪽

15. $\frac{7}{20}$
16. $\frac{1}{4}$
17. $\frac{9}{20}$
18. $\frac{8}{21}$
19. $\frac{7}{24}$
20. $\frac{5}{24}$
21. $\frac{13}{28}$
22. $\frac{11}{30}$
23. $\frac{9}{35}$
24. $\frac{5}{36}$
25. $\frac{13}{36}$
26. $\frac{7}{40}$
27. $\frac{1}{14}$
28. $\frac{4}{21}$
29. $\frac{17}{45}$
30. $\frac{22}{45}$
31. $\frac{5}{48}$
32. $\frac{13}{60}$
33. $\frac{13}{72}$
34. $\frac{35}{88}$
35. $\frac{5}{104}$

136쪽 ❗ 계산 결과를 기약분수로 나타내지 않아도 정답으로 인정합니다.

(위에서부터)
9 / 1

1. $\frac{1}{8}$
2. $\frac{5}{14}$
3. $\frac{2}{15}$
4. $\frac{3}{20}$
5. $\frac{1}{10}$
6. $\frac{1}{40}$
7. $\frac{2}{63}$
8. $\frac{1}{10}$
9. $\frac{1}{2}$
10. $\frac{5}{12}$
11. $\frac{7}{12}$
12. $\frac{1}{12}$
13. $\frac{4}{15}$
14. $\frac{1}{16}$
15. $\frac{7}{18}$
16. $\frac{11}{18}$
17. $\frac{1}{20}$
18. $\frac{9}{20}$
19. $\frac{17}{24}$

137쪽

20. $\frac{11}{24}$
21. $\frac{15}{28}$
22. $\frac{7}{30}$
23. $\frac{7}{30}$
24. $\frac{11}{35}$
25. $\frac{11}{36}$
26. $\frac{7}{36}$
27. $\frac{11}{40}$
28. $\frac{23}{42}$
29. $\frac{11}{42}$
30. $\frac{13}{48}$
31. $\frac{27}{56}$
32. $\frac{11}{60}$
33. $\frac{13}{60}$
34. $\frac{13}{63}$
35. $\frac{5}{66}$
36. $\frac{31}{72}$
37. $\frac{41}{72}$
38. $\frac{19}{75}$
39. $\frac{31}{80}$
40. $\frac{7}{96}$



2 분수 부분끼리 뺄 수 있는 (대분수)−(대분수)

138쪽

계산 결과를 기약분수나 대분수로 나타내지 않아도 정답으로 인정합니다.

① $1\frac{1}{6}$
② $3\frac{3}{10}$
③ $1\frac{2}{15}$
④ $\frac{1}{24}$
⑤ $2\frac{3}{28}$
⑥ $1\frac{1}{36}$
⑦ $2\frac{3}{70}$
⑧ $2\frac{1}{4}$
⑨ $1\frac{1}{3}$
⑩ $4\frac{5}{9}$
⑪ $2\frac{3}{10}$
⑫ $1\frac{7}{12}$
⑬ $1\frac{1}{6}$
⑭ $\frac{4}{15}$

139쪽

⑮ $2\frac{1}{15}$
⑯ $5\frac{3}{16}$
⑰ $1\frac{9}{20}$
⑱ $4\frac{7}{22}$
⑲ $\frac{1}{24}$
⑳ $1\frac{7}{24}$
㉑ $2\frac{1}{8}$
㉒ $4\frac{13}{28}$
㉓ $\frac{8}{15}$
㉔ $1\frac{1}{30}$
㉕ $2\frac{11}{35}$
㉖ $3\frac{11}{36}$
㉗ $4\frac{14}{39}$
㉘ $\frac{7}{40}$
㉙ $1\frac{7}{40}$
㉚ $1\frac{28}{45}$
㉛ $2\frac{1}{56}$
㉜ $\frac{17}{60}$
㉝ $2\frac{40}{63}$
㉞ $4\frac{12}{35}$
㉟ $5\frac{23}{72}$

140쪽

계산 결과를 기약분수나 대분수로 나타내지 않아도 정답으로 인정합니다.

(위에서부터)
6 / 4

① $1\frac{1}{6}$
② $3\frac{1}{18}$
③ $\frac{1}{20}$
④ $2\frac{1}{30}$
⑤ $1\frac{1}{56}$
⑥ $1\frac{1}{90}$
⑦ $4\frac{1}{6}$
⑧ $2\frac{1}{2}$
⑨ $2\frac{1}{8}$
⑩ $3\frac{1}{8}$
⑪ $3\frac{1}{9}$
⑫ $\frac{1}{10}$
⑬ $2\frac{3}{10}$
⑭ $2\frac{5}{12}$
⑮ $4\frac{3}{4}$
⑯ $\frac{1}{4}$
⑰ $4\frac{3}{14}$
⑱ $3\frac{1}{15}$

141쪽

⑲ $5\frac{7}{16}$
⑳ $5\frac{5}{18}$
㉑ $2\frac{7}{20}$
㉒ $2\frac{8}{21}$
㉓ $3\frac{11}{24}$
㉔ $2\frac{5}{24}$
㉕ $1\frac{13}{30}$
㉖ $\frac{10}{33}$
㉗ $3\frac{19}{36}$
㉘ $\frac{14}{39}$
㉙ $4\frac{13}{40}$
㉚ $4\frac{11}{42}$
㉛ $3\frac{29}{48}$
㉜ $1\frac{25}{54}$
㉝ $2\frac{34}{55}$
㉞ $3\frac{7}{30}$
㉟ $6\frac{11}{65}$
㊱ $\frac{39}{70}$
㊲ $3\frac{35}{72}$
㊳ $1\frac{37}{84}$
㊴ $4\frac{7}{96}$



3 분수 부분끼리 뺄 수 없는 (대분수)−(대분수)

142쪽

❗ 계산 결과를 기약분수나 대분수로 나타내지 않아도 정답으로 인정합니다.

① $1\frac{5}{6}$
② $2\frac{13}{15}$
③ $2\frac{17}{18}$
④ $1\frac{19}{24}$
⑤ $\frac{25}{28}$
⑥ $1\frac{39}{40}$
⑦ $4\frac{67}{90}$
⑧ $1\frac{3}{4}$
⑨ $3\frac{1}{2}$
⑩ $\frac{5}{8}$
⑪ $2\frac{3}{8}$
⑫ $1\frac{7}{9}$
⑬ $3\frac{7}{12}$
⑭ $2\frac{5}{12}$

143쪽

⑮ $2\frac{14}{15}$
⑯ $2\frac{5}{18}$
⑰ $3\frac{19}{20}$
⑱ $\frac{10}{21}$
⑲ $1\frac{19}{24}$
⑳ $\frac{23}{24}$
㉑ $2\frac{15}{28}$
㉒ $2\frac{11}{30}$
㉓ $\frac{7}{30}$
㉔ $3\frac{24}{35}$
㉕ $2\frac{35}{36}$
㉖ $4\frac{19}{36}$
㉗ $1\frac{29}{40}$
㉘ $3\frac{7}{15}$
㉙ $3\frac{29}{50}$
㉚ $\frac{51}{56}$
㉛ $2\frac{47}{60}$
㉜ $1\frac{17}{20}$
㉝ $2\frac{37}{70}$
㉞ $4\frac{53}{72}$
㉟ $\frac{97}{108}$

144쪽

❗ 계산 결과를 기약분수나 대분수로 나타내지 않아도 정답으로 인정합니다.

$1 \,/\, 1\frac{5}{6}$

① $2\frac{2}{3}$
② $\frac{11}{12}$
③ $2\frac{19}{20}$
④ $1\frac{35}{36}$
⑤ $3\frac{37}{40}$
⑥ $3\frac{53}{56}$
⑦ $\frac{1}{2}$
⑧ $1\frac{5}{8}$
⑨ $1\frac{8}{9}$
⑩ $\frac{7}{10}$
⑪ $2\frac{1}{2}$
⑫ $1\frac{11}{12}$
⑬ $4\frac{5}{6}$
⑭ $1\frac{13}{14}$
⑮ $1\frac{14}{15}$
⑯ $4\frac{13}{15}$
⑰ $\frac{13}{18}$
⑱ $1\frac{17}{18}$

145쪽

⑲ $2\frac{19}{20}$
⑳ $\frac{17}{24}$
㉑ $3\frac{5}{6}$
㉒ $3\frac{17}{26}$
㉓ $\frac{25}{28}$
㉔ $1\frac{17}{30}$
㉕ $3\frac{25}{36}$
㉖ $1\frac{23}{40}$
㉗ $6\frac{17}{40}$
㉘ $2\frac{19}{42}$
㉙ $2\frac{37}{45}$
㉚ $4\frac{43}{48}$
㉛ $1\frac{37}{56}$
㉜ $\frac{49}{60}$
㉝ $4\frac{37}{63}$
㉞ $2\frac{69}{70}$
㉟ $2\frac{68}{75}$
㊱ $4\frac{67}{80}$
㊲ $1\frac{83}{84}$
㊳ $\frac{26}{45}$
㊴ $2\frac{77}{120}$

1~3 다르게 풀기

146쪽

❗ 계산 결과를 기약분수나 대분수로 나타내지 않아도 정답으로 인정합니다.

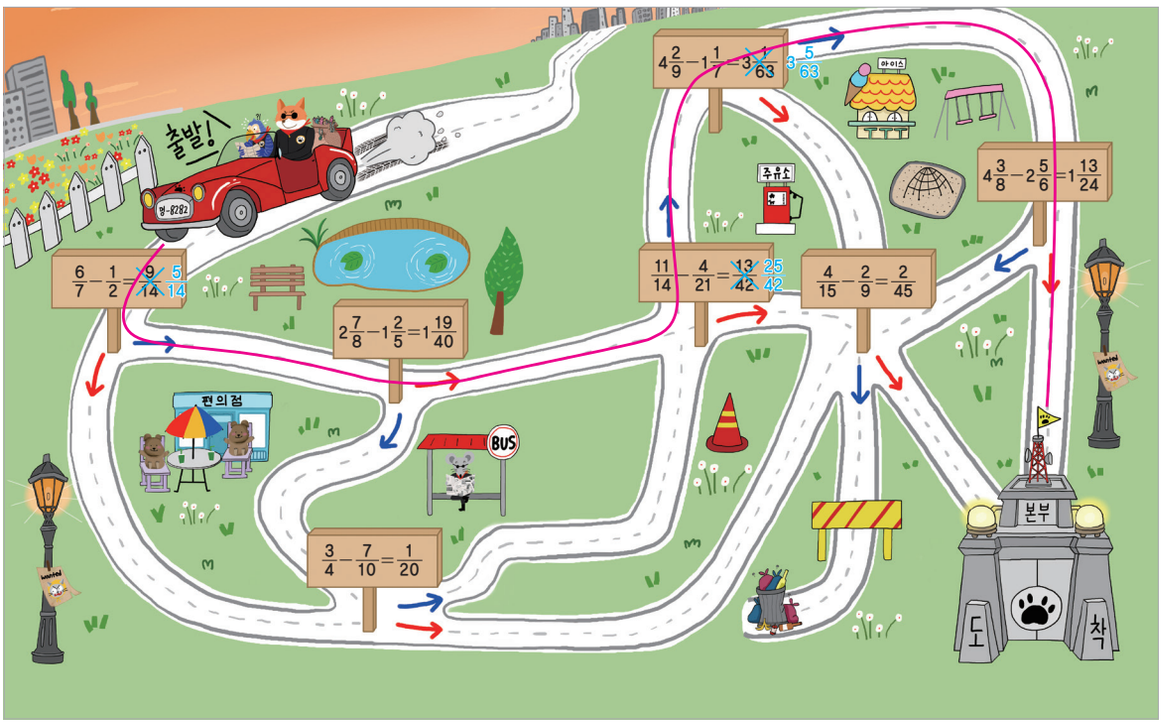
① $\frac{1}{2}$
② $1\frac{5}{6}$
③ $2\frac{7}{15}$
④ $1\frac{13}{20}$
⑤ $1\frac{17}{24}$
⑥ $\frac{13}{36}$
⑦ $\frac{23}{40}$
⑧ $\frac{23}{56}$

147쪽

⑨ $2\frac{5}{6}$
⑩ $\frac{7}{12}$
⑪ $3\frac{1}{20}$
⑫ $\frac{7}{40}$
⑬ $4\frac{26}{45}$
⑭ $5\frac{7}{48}$
⑮ $2\frac{41}{50}$
⑯ $\frac{37}{80}$
⑰ $2\frac{4}{5}$, $1\frac{1}{2}$, $1\frac{3}{10}$

그림으로 풀기

148~149쪽



계산 비법 초등에서 푸는 방정식 계산

150쪽

❗ 계산 결과를 기약분수나 대분수로 나타내지 않아도 정답으로 인정합니다.

❶ $\frac{4}{15}, \frac{4}{15}$

❷ $1\frac{4}{5}, 1\frac{4}{5}$

❸ $\frac{51}{56}, \frac{51}{56}$

❹ $\frac{9}{10}, \frac{9}{10}$

❺ $1\frac{7}{24}, 1\frac{7}{24}$

❻ $3\frac{5}{8}, 3\frac{5}{8}$

151쪽

❼ $\frac{7}{18}, \frac{7}{18}$

❽ $\frac{13}{24}, \frac{13}{24}$

❾ $2\frac{7}{15}, 2\frac{7}{15}$

❿ $1\frac{11}{12}, 1\frac{11}{12}$

⓫ $3\frac{5}{18}, 3\frac{5}{18}$

⓬ $\frac{1}{6}, \frac{1}{6}$

⓭ $\frac{7}{15}, \frac{7}{15}$

⓮ $1\frac{1}{4}, 1\frac{1}{4}$

⓯ $\frac{9}{10}, \frac{9}{10}$

⓰ $2\frac{31}{48}, 2\frac{31}{48}$

평가

152쪽

❗ 계산 결과를 기약분수나 대분수로 나타내지 않아도 정답으로 인정합니다.

1 $\frac{2}{9}$
2 $\frac{3}{10}$
3 $\frac{3}{8}$
4 $\frac{1}{18}$
5 $\frac{17}{36}$
6 $\frac{23}{40}$
7 $\frac{5}{42}$
8 $2\frac{2}{9}$
9 $1\frac{1}{12}$
10 $2\frac{5}{14}$
11 $2\frac{5}{18}$
12 $2\frac{11}{28}$
13 $2\frac{9}{40}$
14 $4\frac{13}{45}$

153쪽

15 $2\frac{5}{8}$
16 $3\frac{9}{10}$
17 $\frac{9}{14}$
18 $1\frac{13}{24}$
19 $3\frac{23}{36}$
20 $\frac{41}{48}$
21 $2\frac{33}{50}$
22 $\frac{1}{2}$
23 $2\frac{5}{12}$
24 $1\frac{13}{15}$
25 $2\frac{13}{15}$

7. 다각형의 둘레와 넓이

1 다각형의 둘레

156쪽

① 14 cm
② 20 cm
③ 24 cm
④ 26 cm

157쪽

⑤ 16 cm
⑥ 20 cm
⑦ 22 cm
⑧ 30 cm
⑨ 12 cm
⑩ 16 cm
⑪ 20 cm
⑫ 28 cm

158쪽

2 / 2 / 4

① 32 cm
② 52 cm
③ 24 cm
④ 28 cm
⑤ 44 cm
⑥ 56 cm

159쪽

⑦ 18 cm
⑧ 34 cm
⑨ 42 cm
⑩ 48 cm
⑪ 24 cm
⑫ 36 cm
⑬ 48 cm
⑭ 52 cm

2 정다각형의 둘레

160쪽

① 20 cm
② 35 cm
③ 36 cm
④ 40 cm

161쪽

⑤ 24 cm
⑥ 48 cm
⑦ 55 cm
⑧ 60 cm
⑨ 56 cm
⑩ 54 cm
⑪ 80 cm
⑫ 60 cm

3 1 cm^2, 1 m^2, 1 km^2 사이의 관계

162쪽

① 20000
② 140000
③ 290000
④ 4000000
⑤ 23000000
⑥ 36000000

163쪽

⑦ 50000
⑧ 680000
⑨ 35000
⑩ 9
⑪ 42
⑫ 60
⑬ 8.7
⑭ 3000000
⑮ 42000000
⑯ 2700000
⑰ 8
⑱ 31
⑲ 50
⑳ 3.3

164쪽

10000 / 10000

① 70000
② 110000
③ 460000
④ 14000
⑤ 5000
⑥ 8
⑦ 10
⑧ 37
⑨ 63
⑩ 90
⑪ 3.9
⑫ 0.6

165쪽

1000000 / 1000000

⑬ 6000000
⑭ 15000000
⑮ 34000000
⑯ 2100000
⑰ 1620000
⑱ 4
⑲ 9
⑳ 55
㉑ 68
㉒ 87
㉓ 4.9
㉔ 0.8

4 직사각형의 넓이

166쪽

❶ 20 cm^2
❷ 24 cm^2
❸ 27 cm^2
❹ 32 cm^2

167쪽

❺ 24 cm^2
❻ 35 cm^2
❼ 54 cm^2
❽ 60 cm^2
❾ 16 cm^2
❿ 49 cm^2
⓫ 64 cm^2
⓬ 100 cm^2

168쪽

2, 6 / 세로

❶ 40 cm^2
❷ 54 cm^2
❸ 77 cm^2
❹ 30 m^2
❺ 60 m^2
❻ 72 m^2
❼ 224 m^2

169쪽

2, 4 / 한 변

❽ 81 cm^2
❾ 121 cm^2
❿ 169 cm^2
⓫ 25 m^2
⓬ 36 m^2
⓭ 144 m^2
⓮ 225 m^2

5 평행사변형의 넓이

170쪽

❶ 12 cm^2
❷ 15 cm^2
❸ 24 cm^2
❹ 25 cm^2

171쪽

❺ 20 cm^2
❻ 28 cm^2
❼ 35 cm^2
❽ 49 cm^2
❾ 30 m^2
❿ 45 m^2
⓫ 56 m^2
⓬ 60 m^2

172쪽

6 / 42 / 높이

❶ 77 cm^2
❷ 108 cm^2
❸ 130 cm^2
❹ 132 cm^2
❺ 128 cm^2
❻ 143 cm^2
❼ 180 cm^2

173쪽

❽ 54 m^2
❾ 64 m^2
❿ 80 m^2
⓫ 98 m^2
⓬ 108 m^2
⓭ 150 m^2
⓮ 117 m^2
⓯ 196 m^2

6 삼각형의 넓이

174쪽

❶ 6 cm^2
❷ 10 cm^2
❸ 15 cm^2
❹ 21 cm^2

175쪽

❺ 20 cm^2
❻ 27 cm^2
❼ 32 cm^2
❽ 33 cm^2
❾ 21 m^2
❿ 35 m^2
⓫ 44 m^2
⓬ 48 m^2

176쪽

2, 24 / 2

❶ 48 cm^2
❷ 77 cm^2
❸ 49 cm^2
❹ 52 cm^2
❺ 75 cm^2
❻ 96 cm^2

177쪽

❼ 28 m^2
❽ 50 m^2
❾ 84 m^2
❿ 90 m^2
⓫ 60 m^2
⓬ 66 m^2
⓭ 80 m^2
⓮ 112 m^2

7 사다리꼴의 넓이

178쪽

❶ 12 cm^2
❷ 20 cm^2
❸ 21 cm^2
❹ 30 cm^2

179쪽

❺ 36 cm^2
❻ 49 cm^2
❼ 60 cm^2
❽ 64 cm^2
❾ 25 m^2
❿ 42 m^2
⓫ 48 m^2
⓬ 68 m^2

180쪽

2, 40 / 2

❶ 104 cm^2
❷ 120 cm^2
❸ 63 cm^2
❹ 99 cm^2
❺ 126 cm^2
❻ 195 cm^2

181쪽

❼ 49 m^2
❽ 68 m^2
❾ 72 m^2
❿ 108 m^2
⓫ 52 m^2
⓬ 72 m^2
⓭ 115 m^2
⓮ 143 m^2

8 마름모의 넓이

182쪽

① 9 cm^2
② 18 cm^2
③ 20 cm^2
④ 21 cm^2

183쪽

⑤ 25 cm^2
⑥ 32 cm^2
⑦ 35 cm^2
⑧ 56 cm^2
⑨ 15 m^2
⑩ 16 m^2
⑪ 36 m^2
⑫ 42 m^2

184쪽

2, 44 / 2

① 30 cm^2
② 50 cm^2
③ 52 cm^2
④ 99 cm^2
⑤ 90 cm^2
⑥ 100 cm^2

185쪽

⑦ 45 m^2
⑧ 78 m^2
⑨ 60 m^2
⑩ 96 m^2
⑪ 30 m^2
⑫ 120 m^2
⑬ 84 m^2
⑭ 126 m^2

그림으로 풀기

186~187쪽



평가

188쪽

1 18 cm
2 24 cm
3 32 cm
4 21 cm
5 32 cm
6 90000
7 35
8 12000000
9 64
10 30 cm^2
11 49 cm^2
12 33 m^2

189쪽

13 77 cm^2
14 130 m^2
15 28 cm^2
16 66 m^2
17 56 cm^2
18 95 m^2
19 48 cm^2
20 63 m^2

전 단원 평가 | 1회

190~192쪽

1 40
2 8
3 33
4 43
5 79
6 1, 3, 5, 9, 15, 45
7 14, 28, 42, 56, 70
8 2 / 110
9 $\frac{8}{11}$
10 $\frac{2}{5}$
11 예 $\frac{56}{63}$, $\frac{36}{63}$
12 예 $\frac{15}{20}$, $\frac{18}{20}$
13 예 $\frac{15}{48}$, $\frac{28}{48}$
14 $\frac{11}{15}$
15 $1\frac{11}{28}$
16 $4\frac{1}{36}$
17 $2\frac{4}{35}$
18 $4\frac{31}{45}$
19 4, 6, 8 / 2
20 26 cm
21 28 cm
22 42 cm
23 64 cm
24 60000
25 7

전 단원 평가 | 2회

193~195쪽

1 13
2 20
3 82
4 27
5 82
6 ×
7 ○
8 6 / 168
9 4 / 72
10 예 $\frac{5}{8}$, $\frac{2}{8}$
11 예 $\frac{21}{70}$, $\frac{25}{70}$
12 <
13 >
14 >
15 $1\frac{1}{14}$
16 $7\frac{7}{40}$
17 $\frac{4}{21}$
18 $1\frac{31}{60}$
19 $3\frac{19}{36}$
20 13, 14, 15 / ●+6=▲ 또는 ▲−6=●
21 예 봉지의 무게 / ▲ / ▲×550=● 또는 ●÷550=▲
22 32 cm^2
23 65 m^2
24 72 cm^2
25 54 m^2



메모