

# 1 분수의 나눗셈

- 6~7쪽** 1. 6    2. 4    3. 15    4. 9  
 5. 4    6. 7    7. 7    8. 14  
 9. 24    10. 33    11. 11    12. 22  
 13. 16

1.  $\frac{1}{16}$     2.  $\frac{1}{5}$     3.  $\frac{1}{8}$

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

7.  $6\frac{1}{3}$     8.  $15\frac{1}{3}$     9.  $30\frac{3}{5}$

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

4.  $\frac{8}{11}$     5.  $\frac{9}{14}$     6.  $\frac{8}{3}, 2\frac{2}{3}$

7.  $\frac{17}{5}, 3\frac{2}{5}$     8.  $\frac{23}{16}, 1\frac{7}{16}$

9.  $\frac{5}{9}$     10.  $\frac{12}{13}$     11.  $\frac{19}{22}$

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

1.  $3, \frac{2}{15}$     2.  $5, \frac{4}{35}$

3.  $5, 5, 3, \frac{5}{6}$     4.  $15, 15, 6, 15, 5$

5.  $\frac{5}{24}$     6.  $\frac{7}{108}$     7.  $\frac{7}{48}$

8.  $\frac{17}{21}$     9.  $\frac{35}{36}$     10.  $\frac{9}{10}$

- 8쪽** 1. 2, 1, 2    2. 3, 1, 3    3. 5, 1, 5  
 4. 6, 1, 6    5. 5, 1, 5    6. 8, 1, 8  
 7. 3    8. 5    9. 10    10. 9  
 11. 14    12. 11    13. 17    14. 19  
 15. 19    16. 23    17. 27    18. 31

- 9쪽** 1. 6, 2, 3    2. 8, 2, 4    3. 4, 2, 2  
 4. 6, 3, 2    5. 8, 4, 2    6. 14, 2, 7  
 7. 3    8. 5    9. 3    10. 2  
 11. 6    12. 3    13. 5    14. 4  
 15. 13    16. 3    17. 6    18. 18

**10쪽** 1.  $3, 2, \frac{3}{2}, 1\frac{1}{2}$     2.  $5, 2, \frac{5}{2}, 2\frac{1}{2}$

3.  $7, 3, \frac{7}{3}, 2\frac{1}{3}$     4.  $9, 4, \frac{9}{4}, 2\frac{1}{4}$

5.  $10, 3, \frac{10}{3}, 3\frac{1}{3}$

6.  $11, 5, \frac{11}{5}, 2\frac{1}{5}$

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

10.  $1\frac{2}{7}$     11.  $1\frac{3}{7}$     12.  $2\frac{1}{6}$

13.  $2\frac{2}{5}$     14.  $3\frac{3}{4}$     15.  $2\frac{2}{7}$

16.  $5\frac{1}{4}$     17.  $6\frac{1}{4}$     18.  $2\frac{5}{12}$

- 11쪽** 1. 6, 3, 6, 3, 2    2. 3, 1, 3, 1, 3  
 3. 8, 1, 8, 1, 8    4. 12, 2, 12, 2, 6  
 5. 12, 6, 12, 6, 2    6. 14, 2, 14, 2, 7  
 7. 9    8. 4    9. 3  
 10. 3    11. 15    12. 4  
 13. 2    14. 3    15. 2  
 16. 6    17. 4    18. 2

**12쪽** 1.  $9, 8, 9, 8, \frac{9}{8}, 1\frac{1}{8}$

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

3.  $21, 20, 21, 20, \frac{21}{20}, 1\frac{1}{20}$

4.  $10, 9, 10, 9, \frac{10}{9}, 1\frac{1}{9}$

5.  $12, 7, 12, 7, \frac{12}{7}, 1\frac{5}{7}$

6.  $25, 16, 25, 16, \frac{25}{16}, 1\frac{9}{16}$

7.  $2\frac{2}{27}$     8.  $\frac{35}{36}$     9.  $1\frac{3}{4}$

10.  $1\frac{17}{28}$     11.  $\frac{14}{15}$     12.  $3\frac{1}{5}$

13.  $1\frac{11}{70}$     14.  $2\frac{3}{8}$     15.  $1\frac{1}{15}$

16.  $1\frac{11}{28}$     17.  $1\frac{19}{35}$     18.  $1\frac{19}{25}$

- 13쪽**
- |             |             |        |
|-------------|-------------|--------|
| 1. 3, 5, 5  | 2. 3, 4, 8  |        |
| 3. 4, 5, 15 | 4. 2, 3, 12 |        |
| 5. 6, 7, 14 | 6. 7, 9, 18 |        |
| 7. 3        | 8. 7        | 9. 8   |
| 10. 11      | 11. 14      | 12. 22 |
| 13. 26      | 14. 34      | 15. 18 |
| 16. 24      | 17. 33      | 18. 39 |

- 14쪽**
- |  |   |                     |
|--|---|---------------------|
| 1. 5, 5  | 2. 12, 96                                   |                     |
| 3. $\frac{4}{3}, 12$                           | 4. $\frac{4}{3}, \frac{8}{3}, 2\frac{2}{3}$ |                     |
| 5. $\frac{12}{7}, \frac{96}{7}, 13\frac{5}{7}$ |   |                     |
| 6. $\frac{14}{9}, 28, 9\frac{1}{3}$            |   |                     |
| 7. 4   | 8. 8  | 9. 7                |
| 10. 20   | 11. $11\frac{1}{4}$                         | 12. $16\frac{1}{2}$ |
| 13. $16\frac{1}{4}$                            | 14. $9\frac{9}{16}$                         | 15. $8\frac{1}{6}$  |
| 16. $10\frac{5}{13}$                           | 17. $8\frac{5}{9}$                          | 18. $20\frac{2}{5}$ |

- 15쪽**
- |  |   |                      |
|--|---|----------------------|
| 1. $\frac{5}{7}, \frac{10}{7}, 1\frac{3}{7}$ | 2. $\frac{7}{12}, 14, 4\frac{2}{3}$             |                      |
| 3. $\frac{3}{4}, 3, 1\frac{1}{2}$            | 4. $\frac{5}{8}, \frac{15}{8}, 1\frac{7}{8}$    |                      |
| 5. $\frac{5}{7}, 5$                          | 6. $\frac{9}{11}, \frac{90}{11}, 8\frac{2}{11}$ |                      |
| 7. $1\frac{1}{4}$                            | 8. $1\frac{5}{7}$                               | 9. $2\frac{2}{9}$    |
| 10. $3\frac{1}{2}$                           | 11. 5   | 12. 7                |
| 13. 11                                       | 14. 9   | 15. $2\frac{4}{5}$   |
| 16. $4\frac{2}{3}$                           | 17. $8\frac{8}{9}$                              | 18. $13\frac{3}{17}$ |

- 16쪽**
- |   |                           |
|---|---------------------------|
| 1. 5, 5, $\frac{4}{5}$                    | 2. 10, 10, $\frac{9}{10}$ |
| 3. 16, 16, 3                              |                           |
| 4. 29, 29, $\frac{32}{29}, 1\frac{3}{29}$ |                           |
| 5. 52, 52, 27, $1\frac{1}{26}$            |                           |
| 6. 98, 98, 45                             |                           |

- |                      |                      |                       |
|----------------------|----------------------|-----------------------|
| 7. $\frac{16}{17}$   | 8. $\frac{25}{27}$   | 9. $\frac{36}{41}$    |
| 10. $\frac{28}{29}$  | 11. $1\frac{1}{5}$   | 12. $1\frac{13}{43}$  |
| 13. $1\frac{26}{55}$ | 14. $1\frac{31}{89}$ | 15. $\frac{24}{29}$   |
| 16. 2                | 17. $1\frac{1}{119}$ | 18. $1\frac{13}{113}$ |

- 17쪽**
- |                                     |                                   |                      |
|-------------------------------------|-----------------------------------|----------------------|
| 1. 7, 14, $1\frac{5}{9}$            | 2. $\frac{3}{2}, 5, 1\frac{1}{4}$ |                      |
| 3. $\frac{7}{6}, 7$                 | 4. $\frac{5}{4}, 7$               |                      |
| 5. $\frac{6}{5}, 11, 1\frac{1}{10}$ | 6. $\frac{10}{9}, 2$              |                      |
| 7. 6                                | 8. $6\frac{1}{2}$                 | 9. $\frac{7}{18}$    |
| 10. $\frac{16}{39}$                 | 11. $\frac{7}{8}$                 | 12. $\frac{7}{12}$   |
| 13. $1\frac{1}{3}$                  | 14. $1\frac{17}{18}$              | 15. $1\frac{2}{25}$  |
| 16. $1\frac{1}{6}$                  | 17. $1\frac{1}{35}$               | 18. $1\frac{13}{23}$ |

- 18쪽**
- |                                 |                                 |                       |
|---------------------------------|---------------------------------|-----------------------|
| 1. $\frac{4}{9}, \frac{32}{81}$ | 2. $\frac{7}{9}, \frac{14}{27}$ | 3. $\frac{5}{9}, 7$   |
| 4. $\frac{3}{5}, 1$             | 5. $\frac{7}{10}, 28$           | 6. $\frac{6}{11}, 21$ |
| 7. $\frac{5}{24}$               | 8. $\frac{7}{40}$               | 9. $\frac{10}{21}$    |
| 10. $\frac{3}{7}$               | 11. $\frac{35}{108}$            | 12. $\frac{15}{28}$   |
| 13. $\frac{27}{40}$             | 14. $\frac{1}{14}$              | 15. $\frac{7}{30}$    |
| 16. $\frac{3}{16}$              | 17. $\frac{1}{6}$               | 18. $\frac{14}{45}$   |

- 19쪽**
- |                         |                    |                      |
|-------------------------|--------------------|----------------------|
| 1. 7, 7, $\frac{5}{21}$ | 2. 7, 7, 2         |                      |
| 3. 30, 30, 135          | 4. 18, 18, 7       |                      |
| 5. 11, 11, 22           | 6. 17, 17, 34      |                      |
| 7. $\frac{9}{40}$       | 8. $\frac{15}{64}$ | 9. $\frac{25}{108}$  |
| 10. $\frac{8}{17}$      | 11. $\frac{9}{70}$ | 12. $\frac{2}{23}$   |
| 13. $\frac{35}{144}$    | 14. $\frac{9}{20}$ | 15. $\frac{7}{144}$  |
| 16. $\frac{16}{189}$    | 17. $\frac{4}{55}$ | 18. $\frac{49}{338}$ |

- 20쪽**
1.  $\frac{6}{5}, 4$       2. 8, 32,  $4\frac{4}{7}$   
 3. 5, 35,  $17\frac{1}{2}$       4. 9,  $\frac{63}{20}, 3\frac{3}{20}$   
 5. 6, 14,  $2\frac{4}{5}$       6. 15, 35,  $8\frac{3}{4}$   
 7.  $2\frac{2}{5}$       8. 30      9. 6  
 10.  $2\frac{4}{15}$       11.  $4\frac{1}{2}$       12.  $4\frac{4}{7}$   
 13.  $12\frac{1}{2}$       14.  $4\frac{2}{3}$       15.  $7\frac{1}{8}$   
 16. 4      17.  $2\frac{1}{2}$       18.  $1\frac{1}{2}$

- 21쪽**
1. 5,  $\frac{15}{4}, 3\frac{3}{4}$       2. 8, 6,  $1\frac{1}{5}$   
 3. 15, 42,  $3\frac{9}{11}$       4. 10, 18,  $2\frac{4}{7}$   
 5.  $\frac{5}{12}, 20, 2\frac{2}{9}$       6.  $\frac{7}{15}, 35, 1\frac{11}{24}$   
 7.  $1\frac{19}{21}$       8.  $1\frac{5}{6}$       9.  $3\frac{4}{15}$   
 10.  $4\frac{31}{35}$       11.  $\frac{9}{10}$       12.  $2\frac{1}{7}$   
 13.  $1\frac{3}{14}$       14.  $2\frac{13}{16}$       15.  $\frac{9}{14}$   
 16.  $1\frac{1}{15}$       17.  $1\frac{1}{15}$       18.  $1\frac{1}{3}$

- 22쪽**
1. 18, 18,  $\frac{7}{5}, 1\frac{2}{5}$       2. 21, 21, 7  
 3. 17, 17, 17      4. 18, 18, 14  
 5. 17, 17, 17      6.  $\frac{22}{5}, \frac{5}{22}, 16$   
 7.  $4\frac{1}{2}$       8.  $1\frac{9}{25}$       9.  $\frac{9}{16}$   
 10.  $1\frac{1}{13}$       11.  $\frac{16}{45}$       12.  $2\frac{4}{5}$   
 13.  $\frac{25}{42}$       14.  $\frac{5}{27}$

- 23쪽**
1. 9, 9, 3,  $\frac{15}{2}, 7\frac{1}{2}$   
 2. 18, 18, 6, 21,  $4\frac{1}{5}$   
 3. 6, 6, 2, 9,  $1\frac{4}{5}$   
 4. 20, 20, 5, 25,  $3\frac{4}{7}$

5. 8, 8,  $\frac{11}{8}, 11, 3\frac{2}{3}$   
 6. 21, 21,  $\frac{15}{14}, 9, 4\frac{1}{2}$   
 7.  $6\frac{2}{3}$       8.  $3\frac{2}{3}$       9.  $4\frac{4}{5}$   
 10.  $13\frac{3}{4}$       11.  $4\frac{2}{7}$       12.  $8\frac{1}{4}$   
 13.  $8\frac{11}{20}$       14.  $24\frac{3}{10}$

- 24쪽**
1. 5, 5, 4,  $\frac{4}{3}, 1\frac{1}{3}$   
 2. 24, 24, 7, 42,  $1\frac{17}{25}$   
 3. 27, 27, 9, 15,  $2\frac{1}{7}$   
 4. 21, 21, 6, 35,  $4\frac{3}{8}$   
 5. 40, 40,  $\frac{3}{10}, 4, 1\frac{1}{3}$   
 6. 36, 36,  $\frac{8}{9}, 32, 4\frac{4}{7}$   
 7.  $2\frac{11}{12}$       8.  $2\frac{4}{5}$       9.  $2\frac{1}{7}$   
 10.  $1\frac{23}{42}$       11.  $3\frac{8}{9}$       12.  $2\frac{1}{2}$   
 13.  $1\frac{17}{28}$       14.  $2\frac{11}{12}$

- 25쪽**
1. 15, 5, 15, 5,  $\frac{9}{4}, 2\frac{1}{4}$   
 2. 25, 15, 25, 15, 35,  $1\frac{17}{18}$   
 3. 35, 7, 35, 7, 15,  $1\frac{7}{8}$   
 4. 45, 9, 45, 9, 25,  $3\frac{4}{7}$   
 5.  $1\frac{1}{4}$       6.  $1\frac{3}{5}$       7. 2  
 8.  $1\frac{5}{7}$       9.  $1\frac{1}{5}$       10.  $1\frac{13}{27}$   
 11.  $1\frac{7}{9}$       12.  $2\frac{22}{45}$

- 26쪽**
1.  $\frac{3}{5} \div \frac{1}{3} = 1\frac{4}{5}$ ;  $1\frac{4}{5}$ 배  
 2.  $\frac{2}{9} \div \frac{2}{3} = \frac{1}{3}$ ;  $\frac{1}{3}$  kg  
 3.  $11\frac{1}{4} \div \frac{5}{8} = 18$ ; 18개

4.  $8\frac{1}{6} \div \frac{7}{9} = 10\frac{1}{2}$  ;  $10\frac{1}{2}$  km  
 5.  $12000 \div \frac{3}{5} = 20000$  ; 20000원

- 27쪽** 1.  $1\frac{1}{6}$  m      2.  $\frac{2}{3}$  m  
 3.  $\frac{2}{7}$  m      4.  $3\frac{3}{7}$  m

- 28~29쪽** 1. 4, 2, 2      2. ④  
 3. (1)  $1\frac{1}{8}$     (2)  $11\frac{3}{7}$   
 4.  $1\frac{1}{5}$       5.  $1\frac{1}{3}$   
 6. ㉠, ㉡, ㉢    7.  $\frac{2}{3}$   
 8.  $8\frac{2}{5}$ ,  $7\frac{1}{5}$   
 9.  $\frac{8}{11} \div \frac{5}{11} = 1\frac{3}{5}$  ;  $1\frac{3}{5}$ 배  
 10.  $1\frac{5}{7}$  kg

**2 소수의 나눗셈**

- 32~33쪽** 1. (위부터) 12, 6, 7.2    2. 36.4  
 3. 28.8    4. 54.4    5. 22.2  
 6. 5.6    7. 14.4    8. 13.8  
 9. 15.2    10. 7.5    11. 21.6

1. (위부터)  $123, \frac{1}{10}, 12.3, \frac{1}{100}, 1.23$   
 2. (위부터)  $213, \frac{1}{10}, 21.3, \frac{1}{100}, 2.13$   
 3. (왼쪽부터)  $\frac{1}{10}, 341, 34.1$   
 4. (왼쪽부터)  $\frac{1}{100}, 121, 1.21$
1. 18, 18, 9, 0.9  
 2. 35, 35, 7, 0.7  
 3. 21, 21, 3, 0.3  
 4. 102, 102, 17, 1.7  
 5. 34, 34, 2, 0.02  
 6. 276, 276, 12, 0.12

1. (위부터) 1, 4, 3, 12, 12  
 2. 1.7    3. 2.8    4. 3.1  
 5. 7.2    6. 4.6    7. 0.49  
 8. 0.38    9. 6.25

- 34쪽** 1. 318, 318, 318, 318, 53, 53  
 2. 288, 288, 288, 288, 72, 72  
 3. 912, 24, 912, 24, 912, 912, 38, 38  
 4. 833, 17, 833, 17, 17, 17, 49, 49

- 35쪽** 1. 10, 10 / 27, 9, 3 / 3  
 2. 10, 10 / 51, 3, 17 / 17  
 3. 10, 10 / 56, 14, 4 / 4  
 4. 10, 10 / 434, 7, 62 / 62  
 5. 10, 10 / 345, 23, 15 / 15  
 6. 10, 56, 7, 8  
 7. 10, 84, 12, 7  
 8. 10, 10, 64, 16, 4  
 9. 10, 10, 195, 15, 13  
 10. 10, 10, 495, 45, 11  
 11. 10, 10, 418, 38, 11  
 12. 10, 10, 192, 8, 24

- 36쪽** 1. 432, 432, 432, 432, 108, 108  
 2. 651, 651, 651, 651, 21, 21  
 3. 585, 45, 585, 45, 585, 585, 13, 13  
 4. 2496, 78, 2496, 78, 78, 78, 32, 32

- 37쪽** 1. 100, 100 / 216, 24, 9 / 9  
 2. 100, 100 / 856, 107, 8 / 8  
 3. 100, 100 / 498, 6, 83 / 83  
 4. 100, 100 / 175, 5, 35 / 35  
 5. 100, 100 / 3744, 312, 12 / 12  
 6. 100, 212, 53, 4  
 7. 100, 72, 12, 6  
 8. 100, 100, 588, 28, 21  
 9. 100, 100, 1152, 3, 384  
 10. 100, 100, 987, 47, 21  
 11. 100, 100, 1547, 119, 13  
 12. 100, 100, 2565, 513, 5

- 38쪽**
1. 15, 3, 15, 3, 5
  2. 18, 2, 18, 2, 9
  3. 24, 4, 24, 4, 6
  4.  $45, \frac{3}{10}, 45, 3, 15$
  5.  $56, \frac{14}{10}, 56, 14, 4$
  6.  $\frac{165}{10}, 11, 165, 11, 15$
  7.  $\frac{224}{10}, 32, 224, 32, 7$
  8.  $\frac{68}{10}, \frac{4}{10}, 68, 4, 17$
  9.  $\frac{168}{10}, \frac{56}{10}, 168, 56, 3$
  10.  $\frac{495}{10}, \frac{45}{10}, 495, 45, 11$
  11.  $\frac{384}{10}, \frac{48}{10}, 384, 48, 8$
  12.  $\frac{272}{10}, \frac{8}{10}, 272, 8, 34$

- 39쪽**
- |        |        |        |
|--------|--------|--------|
| 1. 5   | 2. 9   | 3. 4   |
| 4. 4   | 5. 6   | 6. 9   |
| 7. 21  | 8. 2   | 9. 12  |
| 10. 29 | 11. 31 | 12. 8  |
| 13. 13 | 14. 4  | 15. 12 |
| 16. 17 | 17. 9  |        |

- 40쪽**
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|-------|-------|-------|
| 1. <  | 2. <  | 3. >  |
| 4. <  | 5. <  | 6. >  |
| 7. <  | 8. <  | 9. >  |
| 10. < | 11. > | 12. > |
| 13. < | 14. < |       |

- 41쪽**
1. 216, 12, 216, 12, 18
  2. 112, 56, 112, 56, 2
  3. 322, 23, 322, 23, 14
  4.  $976, \frac{61}{100}, 976, 61, 16$
  5.  $651, \frac{31}{100}, 651, 31, 21$
  6.  $\frac{432}{100}, 108, 432, 108, 4$

7.  $\frac{2496}{100}, 78, 2496, 78, 32$
8.  $\frac{3429}{100}, \frac{127}{100}, 3429, 127, 27$
9.  $\frac{987}{100}, \frac{47}{100}, 987, 47, 21$
10.  $\frac{1547}{100}, \frac{119}{100}, 1547, 119, 13$
11.  $\frac{637}{100}, \frac{91}{100}, 637, 91, 7$
12.  $\frac{324}{100}, \frac{54}{100}, 324, 54, 6$

- 42쪽**
- |        |        |        |
|--------|--------|--------|
| 1. 18  | 2. 12  | 3. 11  |
| 4. 12  | 5. 21  | 6. 16  |
| 7. 13  | 8. 14  | 9. 13  |
| 10. 27 | 11. 28 | 12. 24 |
| 13. 36 | 14. 28 |        |

- 43쪽**
- |       |       |       |
|-------|-------|-------|
| 1. <  | 2. >  | 3. <  |
| 4. <  | 5. >  | 6. >  |
| 7. >  | 8. >  | 9. <  |
| 10. > | 11. > | 12. < |
| 13. < | 14. > |       |

- 44쪽**
1. (왼쪽부터) 100, 1.5, 100, 1.5
  2. (왼쪽부터) 100, 1.8, 100, 1.8
  3. (왼쪽부터) 100, 0.9, 100, 0.9
  4. (왼쪽부터) 100, 2.2, 100, 2.2
  5. (왼쪽부터) 100, 2.9, 100, 2.9
  6. 2.9      7. 1.3      8. 4.6
  9. 1.5      10. 3.1

- 45쪽**
1. (왼쪽부터) 10, 6.4, 10, 6.4
  2. (왼쪽부터) 10, 5.2, 10, 5.2
  3. (왼쪽부터) 10, 8.6, 10, 8.6
  4. (왼쪽부터) 10, 6.7, 10, 6.7
  5. (왼쪽부터) 10, 6.8, 10, 6.8
  6. 6.8      7. 9.3      8. 8.3
  9. 6.4      10. 5.4

- 46쪽** 1. 2.6, 2    2. 1.4, 7    3. 9.2, 23  
 4. 2.2, 11    5. 0.4, 2    6. 2.6, 2  
 7. 3.4, 2    8. 1.8, 3    9. 1.8, 2  
 10. 1.2, 3    11. 3.3, 3    12. 2.5, 5

- 47쪽** 1. >    2. <    3. <  
 4. <    5. >    6. <  
 7. <    8. <    9. >  
 10. >    11. >    12. >  
 13. <    14. >

- 48쪽** 1. 270, 54, 270, 54, 5  
 2. 70, 14, 70, 14, 5  
 3. 300, 75, 300, 75, 4  
 4. 470, 94, 470, 94, 5  
 5. 170, 34, 170, 34, 5  
 6. 140, 35, 140, 35, 4  
 7. 390, 65, 390, 65, 6  
 8.  $760, \frac{95}{10}, 760, 95, 8$   
 9.  $630, \frac{42}{10}, 630, 42, 15$   
 10.  $1420, \frac{284}{10}, 1420, 284, 5$   
 11.  $1290, \frac{86}{10}, 1290, 86, 15$   
 12.  $\frac{1080}{10}, 72, 1080, 72, 15$

- 49쪽** 1. 5    2. 5    3. 4  
 4. 5    5. 6    6. 6  
 7. 5    8. 8    9. 5  
 10. 15    11. 15    12. 26  
 13. 35    14. 15

- 50쪽** 1. >    2. >    3. <  
 4. >    5. >    6. <  
 7. >    8. <    9. <  
 10. >    11. >    12. >  
 13. <    14. <

- 51쪽** 1. 900, 225, 900, 225, 4  
 2. 100, 25, 100, 25, 4  
 3. 1000, 125, 1000, 125, 8  
 4. 1300, 325, 1300, 325, 4  
 5. 5400, 216, 5400, 216, 25  
 6. 2700, 45, 2700, 45, 60  
 7. 4800, 64, 4800, 64, 75  
 8.  $3200, \frac{128}{100}, 3200, 128, 25$   
 9.  $1800, \frac{75}{100}, 1800, 75, 24$   
 10.  $5600, \frac{7}{100}, 5600, 7, 800$   
 11.  $3100, \frac{62}{100}, 3100, 62, 50$   
 12.  $\frac{3300}{100}, 165, 3300, 165, 20$

- 52쪽** 1. 4    2. 25    3. 75  
 4. 16    5. 25    6. 25  
 7. 25    8. 50    9. 25  
 10. 28    11. 24    12. 25  
 13. 8    14. 50

- 53쪽** 1. <    2. <    3. <  
 4. <    5. >    6. >  
 7. >    8. >    9. <  
 10. >    11. =    12. >  
 13. =    14. <

- 54쪽** 1. 5, 50, 500    2. 4, 40, 400  
 3. 4, 40, 400    4. 6, 60, 600  
 5. 8, 80, 800    6. 12, 120, 1200  
 7. 15, 150, 1500  
 8. 3, 30, 300  
 9. 4, 40, 400    10. 5, 50, 500

- 55쪽** 1. 16, 160, 1600  
 2. 24, 240, 2400

- 3. 4, 40, 400
- 4. 3, 30, 300
- 5. 6, 60, 600
- 6. 35, 350, 3500
- 7. 21, 210, 2100
- 8. 17, 170, 1700
- 9. 24, 240, 2400
- 10. 48, 480, 4800

- 56쪽**
- 1. 5    2. 5    3. 2    4. 4
  - 5. 4    6. 9    7. 10    8. 15
  - 9. 6    10. 5    11. 11

- 57쪽**
- 1. 1.7    2. 4.3    3. 9.3
  - 4. 35.7    5. 0.4    6. 1.4
  - 7. 4.8    8. 7.6    9. 3.3
  - 10. 28.2    11. 5.1

- 58쪽**
- 1. 2.29    2. 5.17    3. 24.67
  - 4. 2.67    5. 2.32    6. 1.42
  - 7. 1.99    8. 1.32

- 59쪽**
- 1. 5개, 0.5 m    2. 3병, 0.8 L
  - 3. 4명, 1.8 m    4. 9개, 0.1 g
  - 5. 4봉지, 1.8 kg    6. 9명, 1.4 kg

- 60쪽**
- 1.  $1.4 \div 0.2 = 7$  ; 7개
  - 2.  $148.5 \div 2.7 = 55$  ; 55배
  - 3.  $215.46 \div 3.42 = 63$  ; 63 kg
  - 4.  $463.5 \div 1.5 = 309$  ; 309 km
  - 5.  $54 \div 4.5 = 12$  ; 12개

- 61쪽**
- 1.  $47.85 \div 14.5 = 3.3$  ; 3.3 cm
  - 2.  $40.16 \div 5.02 = 8$  ; 8 cm
  - 3.  $11 \div 2.75 = 4$  ; 4 cm
  - 4.  $2.72 \div 0.4 = 6.8$  ; 6.8 m

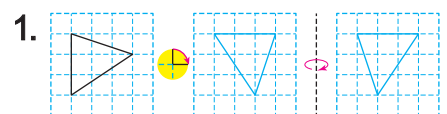
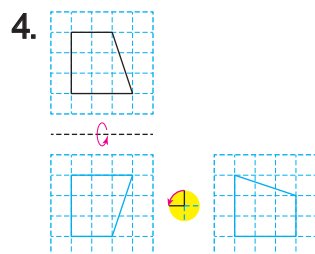
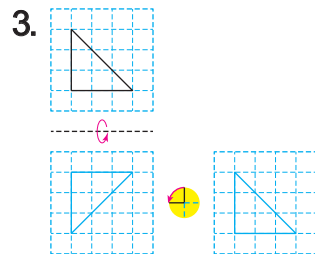
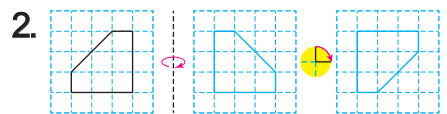
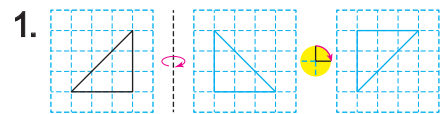
- 62~**  
**63쪽**
- 1. (1) 210, 42, 210, 42, 5  
(2) 700, 175, 700, 175, 4
  - 2. (1) 8    (2) 12
  - 3. (1) 37    (2) 370    (3) 3700

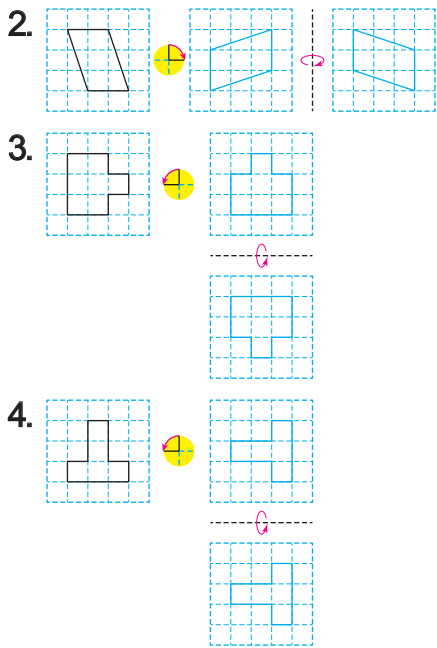
- 4.  $147.8 \div 3.1, 14.78 \div 0.31$ 에 ○표
- 5. 2, 0.52 / 2, 0.52
- 6. (1) 13    (2) 15
- 7. (1) <    (2) <
- 8. 3모둠, 1.7 L
- 9. 예 (어머니의 몸무게)  $\div$  (지선의 몸무게)  
 $= 59.3 \div 36.2 = 1.638 \dots$   
 $\Rightarrow 1.64$ 입니다. ; 1.64배

### 3 공간과 입체

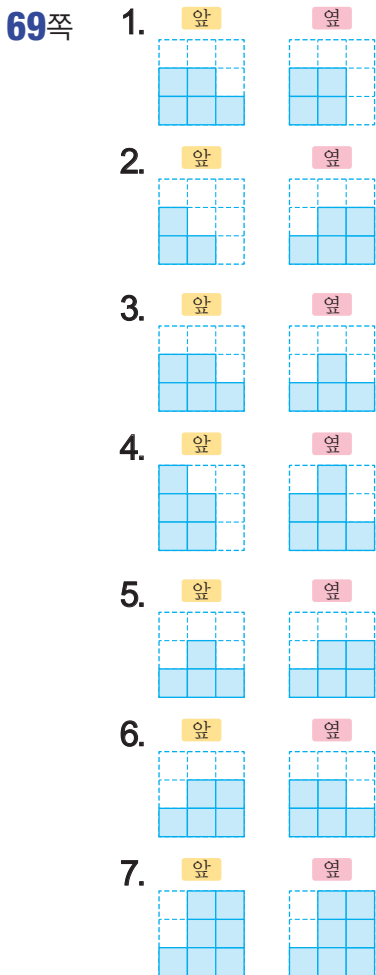
- 66~**  
**67쪽**
- 1. 6개    2. 6개    3. 8개
  - 4. 8개    5. 7개    6. 10개

- 1. ( ) ( ) (○)
- 2. ( ) (○) ( )
- 3. ( ) ( ) (○)
- 4. (○) ( ) ( )

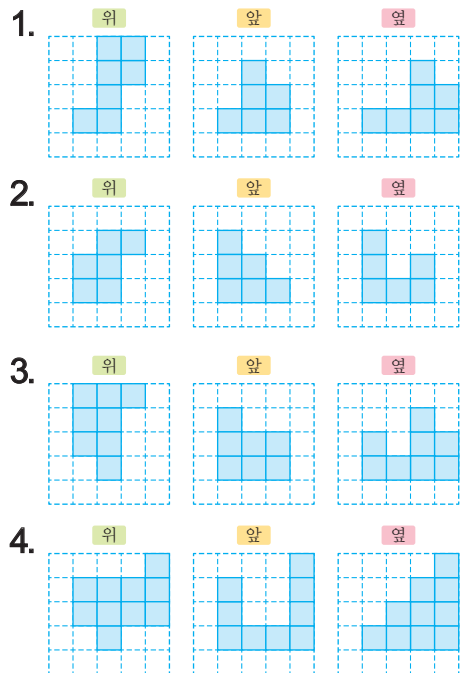




- 68쪽 1. 11개 2. 10개 3. 13개  
4. 11개 5. 12개 6. 12개  
7. 11개

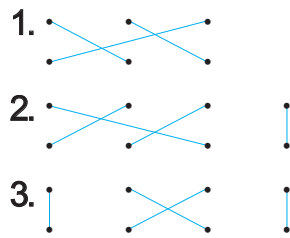


70쪽

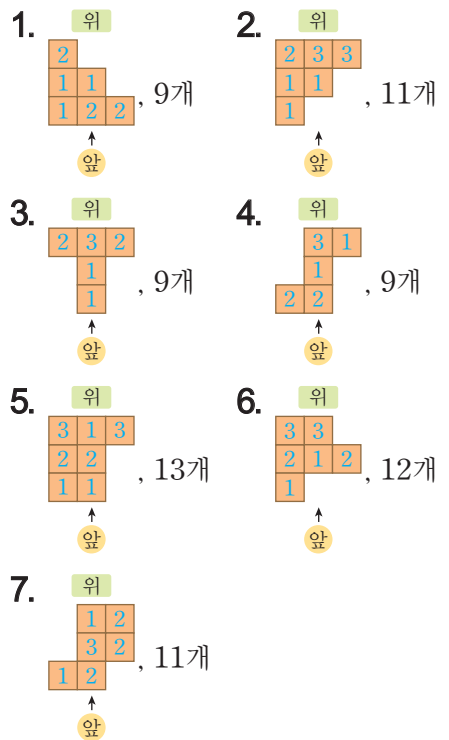


- 71쪽 1. 다 2. 가 3. 나  
4. 마 5. 바 6. 라

72쪽

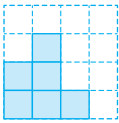
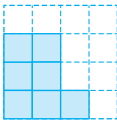
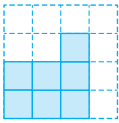
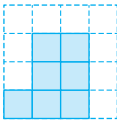
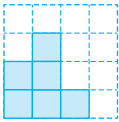
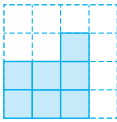
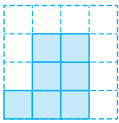
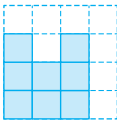
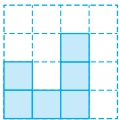


73쪽

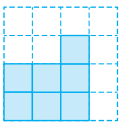
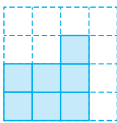
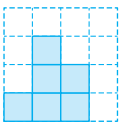
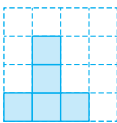
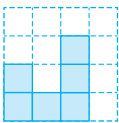
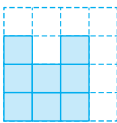
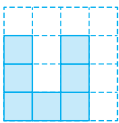
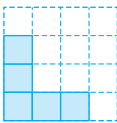
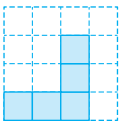




74쪽

- 1.  앞
- 2.  앞
- 3.  앞
- 4.  앞
- 5.  앞
- 6.  앞
- 7.  앞
- 8.  앞
- 9.  앞

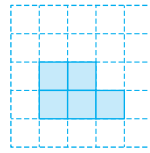
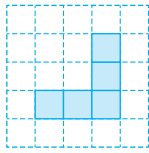
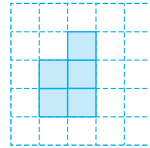
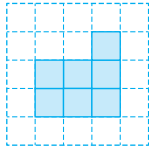
75쪽

- 1.  옆
- 2.  옆
- 3.  옆
- 4.  옆
- 5.  옆
- 6.  옆
- 7.  옆
- 8.  옆
- 9.  옆



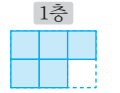

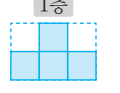





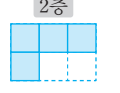

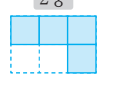

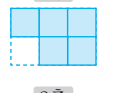



76쪽

- 1. 2개, 1개, 3개, 1개, 7개
- 2. 1개, 3개, 3개, 1개, 8개
- 3. 1개, 2개, 3개, 3개, 9개
- 4. 1개, 1개, 1개, 3개, 6개

77쪽

- 1.  옆
- 2.  옆
- 3.  옆
- 4.  옆

78쪽

- 1.  1층  2층
- 2.  1층  2층
- 3.  1층  2층
- 4.  1층  2층
- 5.  1층  2층
- 6.  2층  3층
- 7.  2층  3층
- 8.  2층  3층
- 9.  2층  3층




79쪽




- 1. 가에 ○표
- 2. 가에 ○표
- 3. 나에 ○표
- 4. 다에 ○표
- 5. 나에 ○표




80쪽

- 1. 9개
- 2. 12개
- 3. 11개
- 4. 11개
- 5. 10개
- 6. 12개
- 7. 11개
- 8. 10개
- 9. 12개




81쪽




1. 위  2. 위  3. 위 




4. 위  5. 위  6. 위 

7. 위  8. 위  9. 위 

82쪽

1. 앞  2. 앞  3. 앞 

4. 앞  5. 앞  6. 앞 



7. 앞  8. 앞  9. 앞 




83쪽



1. 다      2. 라      3. 라  
4. 나      5. 다



84~  
85쪽

1. 11개



2. 앞  옆 


3. 위  앞  옆 

4. 위  5. 위 

6. (1) 앞  (2) 앞 

7. 8개

8. 2층  3층 

9. 앞 

4 비례식과 비례배분

88~  
89쪽

1. 4 / 4, 6      2. 7, 9 / 9, 7  
3. 5, 11 / 11, 5      4. 11, 13 / 13, 11

1. 3 : 1      2. 3 : 4      3. 2 : 7  
4. 8 : 3      5. 2 : 9      6. 4 : 7  
7. 8 : 9      8. 3 : 5

1.  $\frac{1}{4}$       2.  $\frac{2}{3}$       3.  $\frac{3}{7}$   
4.  $\frac{9}{10}$       5.  $\frac{5}{4} (=1\frac{1}{4})$

1. 37 %      2. 63 %      3. 49 %  
4. 32 %      5. 36 %      6. 55 %

90쪽

1. 2, 3      2. 4, 5      3. 2, 9  
4. 7, 9      5. 10, 9      6. 6, 11  
7. 12, 11      8. 9, 4      9. 15, 8  
10. 13, 17      11. 27, 16      12. 10, 17  
13. 9, 11      14. 11, 6      15. 5, 12  
16. 15, 34      17. 23, 47      18. 10, 21  
19. 9, 10      20. 65, 21

91쪽

1. 2, 3      2. 2, 3  
3. 3, 5      4. 4, 6  
5. 3, 6      6. 4, 8  
7. 3, 9      8. 5, 8  
9. 16, 9, 32      10. 10, 21, 20  
11. 10, 6, 20      12. 18, 12, 36  
13. 10, 15, 20      14. 20, 18, 40

92쪽

1. 2, 4      2. 2, 4  
3. 2, 4      4. 2, 3  
5. 3, 15      6. 2, 4  
7. 3, 4      8. 4, 8  
9. 12, 6, 4      10. 10, 9, 2  
11. 36, 8, 9      12. 15, 2, 5  
13. 20, 6, 5      14. 12, 3, 2

- 93쪽**
1. ( ) (○) ( )
  2. ( ) ( ) (○) ( )
  3. ( ) ( ) ( ) (○)
  4. (○) ( ) ( ) ( )

- 94쪽**
- |              |              |
|--------------|--------------|
| 1. 예 4 : 1   | 2. 예 3 : 1   |
| 3. 예 3 : 4   | 4. 예 5 : 6   |
| 5. 예 7 : 9   | 6. 예 10 : 3  |
| 7. 예 4 : 11  | 8. 예 8 : 5   |
| 9. 예 3 : 5   | 10. 예 4 : 5  |
| 11. 예 2 : 3  | 12. 예 4 : 9  |
| 13. 예 5 : 3  | 14. 예 3 : 7  |
| 15. 예 6 : 11 | 16. 예 5 : 9  |
| 17. 예 5 : 6  | 18. 예 3 : 10 |
| 19. 예 4 : 7  | 20. 예 5 : 11 |
| 21. 예 5 : 4  | 22. 예 6 : 11 |
| 23. 예 2 : 9  | 24. 예 9 : 5  |

- 95쪽**
- |               |                |
|---------------|----------------|
| 1. 예 2 : 9    | 2. 예 2 : 3     |
| 3. 예 12 : 7   | 4. 예 1 : 3     |
| 5. 예 2 : 3    | 6. 예 1 : 2     |
| 7. 예 5 : 7    | 8. 예 23 : 47   |
| 9. 예 15 : 19  | 10. 예 7 : 4    |
| 11. 예 7 : 5   | 12. 예 3 : 7    |
| 13. 예 4 : 13  | 14. 예 6 : 7    |
| 15. 예 4 : 3   | 16. 예 3 : 8    |
| 17. 예 15 : 4  | 18. 예 7 : 8    |
| 19. 예 1 : 3   | 20. 예 52 : 101 |
| 21. 예 13 : 12 | 22. 예 2 : 1    |
| 23. 예 7 : 13  | 24. 예 80 : 27  |

- 96쪽**
- |              |             |
|--------------|-------------|
| 1. 예 3 : 2   | 2. 예 4 : 3  |
| 3. 예 3 : 4   | 4. 예 4 : 9  |
| 5. 예 15 : 14 | 6. 예 15 : 8 |

- |               |               |
|---------------|---------------|
| 7. 예 3 : 4    | 8. 예 7 : 5    |
| 9. 예 3 : 2    | 10. 예 5 : 2   |
| 11. 예 3 : 2   | 12. 예 15 : 8  |
| 13. 예 14 : 3  | 14. 예 8 : 21  |
| 15. 예 4 : 3   | 16. 예 3 : 2   |
| 17. 예 65 : 21 | 18. 예 1 : 5   |
| 19. 예 9 : 10  | 20. 예 18 : 5  |
| 21. 예 55 : 32 | 22. 예 11 : 18 |
| 23. 예 16 : 15 | 24. 예 32 : 25 |

- 97쪽**
- |               |               |
|---------------|---------------|
| 1. 예 10 : 3   | 2. 예 30 : 1   |
| 3. 예 50 : 1   | 4. 예 20 : 1   |
| 5. 예 40 : 3   | 6. 예 100 : 7  |
| 7. 예 20 : 3   | 8. 예 20 : 7   |
| 9. 예 25 : 1   | 10. 예 40 : 1  |
| 11. 예 7 : 50  | 12. 예 1 : 30  |
| 13. 예 3 : 100 | 14. 예 2 : 15  |
| 15. 예 3 : 50  | 16. 예 13 : 20 |
| 17. 예 3 : 4   | 18. 예 21 : 10 |
| 19. 예 9 : 5   | 20. 예 3 : 40  |
| 21. 예 1 : 5   | 22. 예 30 : 7  |
| 23. 예 7 : 10  | 24. 예 20 : 9  |

- 98쪽**
- |              |              |
|--------------|--------------|
| 1. 예 6 : 1   | 2. 예 12 : 1  |
| 3. 예 16 : 1  | 4. 예 30 : 1  |
| 5. 예 32 : 1  | 6. 예 12 : 1  |
| 7. 예 8 : 1   | 8. 예 12 : 1  |
| 9. 예 1 : 12  | 10. 예 1 : 25 |
| 11. 예 1 : 24 | 12. 예 1 : 18 |
| 13. 예 1 : 15 | 14. 예 3 : 32 |
| 15. 예 1 : 16 | 16. 예 5 : 72 |
| 17. 예 4 : 9  | 18. 예 1 : 8  |
| 19. 예 1 : 7  | 20. 예 1 : 5  |
| 21. 예 3 : 5  |              |

- 99쪽**
- |               |               |
|---------------|---------------|
| 1. 예 8 : 15   | 2. 예 6 : 5    |
| 3. 예 3 : 4    | 4. 예 5 : 3    |
| 5. 예 4 : 5    | 6. 예 3 : 100  |
| 7. 예 3 : 1    | 8. 예 7 : 50   |
| 9. 예 1 : 2    | 10. 예 45 : 16 |
| 11. 예 2 : 3   | 12. 예 25 : 42 |
| 13. 예 15 : 8  | 14. 예 7 : 39  |
| 15. 예 25 : 21 | 16. 예 3 : 1   |
| 17. 예 16 : 15 | 18. 예 25 : 28 |
| 19. 예 7 : 12  | 20. 예 20 : 21 |
| 21. 예 84 : 55 |               |

- 100쪽**
- |                    |                   |
|--------------------|-------------------|
| 1. 6, 4            | 2. 10, 8          |
| 3. 10, 3           | 4. 18, 14         |
| 5. 6, 11           | 6. 15, 16 / 8, 30 |
| 7. 3, 25 / 5, 15   |                   |
| 8. 27, 32 / 16, 54 |                   |
| 9. 4, 28 / 7, 16   |                   |
| 10. 3, 15 / 5, 9   |                   |
| 11. 8, 6 / 3, 16   |                   |
| 12. 2, 36 / 9, 8   |                   |
| 13. 4, 14 / 7, 8   |                   |
| 14. 5, 28 / 7, 20  |                   |

- 101쪽**
1. 예 2, 5, 10, 25
  2. 예 3, 4, 6, 8
  3. 예 4, 7, 16, 28
  4. 예 5, 3, 15, 9
  5. 예 6, 9, 24, 36
  6. 예 3, 13, 12, 52
  7. 예 9, 4, 63, 28
  8. 예 40, 96, 5, 12
  9. 예 7, 10, 21, 30
  10. 예 8, 13, 24, 39
  11. 예 6, 16, 15, 40

- 102쪽**
1.  $3 \times 8 = 24, 4 \times 6 = 24$
  2.  $2 \times 10 = 20, 5 \times 4 = 20$
  3.  $\frac{2}{5} \times \frac{3}{8} = \frac{3}{20}, \frac{3}{4} \times \frac{2}{10} = \frac{3}{20}$
  4.  $1.6 \times 3 = 4.8, 1.2 \times 4 = 4.8$
  5.  $\frac{3}{4} \times \frac{5}{49} = \frac{15}{196}, \frac{5}{7} \times \frac{3}{28} = \frac{15}{196}$
  6.  $3 \times 15 = 45, 5 \times 9 = 45$
  7.  $7 \times 8 = 56, 4 \times 14 = 56$
  8.  $\frac{2}{3} \times \frac{5}{18} = \frac{5}{27}, \frac{5}{6} \times \frac{2}{9} = \frac{5}{27}$
  9.  $2.5 \times 7 = 17.5, 3.5 \times 5 = 17.5$
  10.  $\frac{2}{3} \times 9 = 6, \frac{6}{7} \times 7 = 6$

- 103쪽**
1.  $5 : 6 = 15 : 18, 6 : 7 = 12 : 14$ 에  
○표
  2.  $7 : 4 = 28 : 16, 18 : 30 = 3 : 5$ 에  
○표
  3.  $\frac{1}{3} : \frac{5}{7} = 7 : 15, 0.4 : 0.6 = 2 : 3,$   
 $15 : 5 = 12 : 4$ 에 ○표
  4.  $48 : 70 = \frac{4}{7} : \frac{5}{6}, 4 : 9 = 12 : 27$ 에  
○표
  5.  $3.5 : 5 = 14 : 20, 21 : 27 = 7 : 9,$   
 $20 : 16 = 1 : \frac{4}{5}$ 에 ○표

- 104쪽**
- |        |        |        |
|--------|--------|--------|
| 1. 4   | 2. 3   | 3. 4   |
| 4. 10  | 5. 25  | 6. 9   |
| 7. 11  | 8. 5   | 9. 3   |
| 10. 27 | 11. 4  | 12. 12 |
| 13. 9  | 14. 21 | 15. 18 |

- 105쪽**
- |                    |                    |                   |
|--------------------|--------------------|-------------------|
| 1. 4               | 2. 7               | 3. 9              |
| 4. 7               | 5. 20              | 6. 0.4            |
| 7. 3.2             | 8. 0.6             | 9. 1.6            |
| 10. 3.3            | 11. $\frac{2}{3}$  | 12. $\frac{1}{3}$ |
| 13. $1\frac{1}{3}$ | 14. $1\frac{1}{4}$ | 15. $\frac{4}{9}$ |

- 106쪽** 1. 14      2. 15      3. 15  
 4. 27      5. 36      6. 6  
 7. 4      8. 3      9. 2  
 10. 42      11. 21      12. 5  
 13. 5      14. 21      15. 25

- 107쪽** 1. 33      2. 16      3. 72  
 4. 60      5. 36      6. 4.7  
 7. 0.9      8. 0.45      9. 1.6  
 10. 3.3      11.  $\frac{7}{16}$       12.  $\frac{3}{4}$   
 13.  $\frac{5}{7}$       14.  $\frac{3}{5}$       15.  $\frac{7}{16}$

- 108쪽** 1. 8살      2. 4 kg      3. 80 g  
 4. 800원      5. 0.48 L      6. 9컵

- 109쪽** 1. 56바퀴      2. 250 m      3. 40만 원  
 4. 120분      5. 20개      6. 40초

- 110쪽** 1. 3      2. 5      3. 4  
 4. 6      5. 8      6. 3  
 7. 20      8. 5      9. 17  
 10. 50      11. 7      12. 23  
 13. 17      14. 10      15. 2

- 111쪽** 1. 30 cm      2. 75 cm      3. 49 cm  
 4. 72 cm      5. 63 cm      6. 32 cm

- 112쪽** 1. 2, 1,  $\frac{2}{3}$ , 6 / 2, 1,  $\frac{1}{3}$ , 3  
 2. 2,  $\frac{3}{5}$ , 24 / 2,  $\frac{2}{5}$ , 16  
 3. 5, 8,  $\frac{5}{13}$ , 25 / 5, 8,  $\frac{8}{13}$ , 40

4. 7, 4,  $\frac{7}{11}$ , 49 / 7, 4,  $\frac{4}{11}$ , 28  
 5. 8, 13,  $\frac{8}{21}$ , 32 / 8, 13,  $\frac{13}{21}$ , 52  
 6. 2, 3,  $\frac{2}{5}$ , 60 / 2, 3,  $\frac{3}{5}$ , 90

- 113쪽** 1. 2, 2,  $\frac{1}{3}$ , 100, 2, 2,  $\frac{2}{3}$ , 200  
 2. 5, 5,  $\frac{2}{7}$ , 160, 5, 5,  $\frac{5}{7}$ , 400  
 3. 7, 7,  $\frac{2}{9}$ , 100, 7, 7,  $\frac{7}{9}$ , 350  
 4. 3, 3,  $\frac{2}{5}$ , 200, 3, 3,  $\frac{3}{5}$ , 300  
 5. 4, 4,  $\frac{3}{7}$ , 360, 4, 4,  $\frac{4}{7}$ , 480

- 114쪽** 1. 14시간      2. 20개      3. 14개  
 4. 35개      5. 5자루      6. 16일

- 115쪽** 1. 민수, 8자루      2. 준영, 8장  
 3. 다현, 15개      4. 동진, 10개  
 5. 지원, 6개      6. 유정, 20개

- 116쪽** 1. 15 cm      2. 8 cm      3. 24 cm  
 4. 30 cm      5. 32 cm      6. 33 cm

- 117쪽** 1. 32개      2. 42 mL      3. 36개  
 4. 28kg      5. 44개      6. 54장

**118~** 1. ④

**119쪽** 2. 예 2 : 9 = 26 : 117

3. (1) 7      (2) 21

4. (1) 예 1 : 3      (2) 예 4 : 9

5. 2 : 3      6. 54바퀴

7. 588 cm<sup>2</sup>      8. 850 cm

9. 예 5 : 3

10. 예  $120 \times \frac{5}{5+3} = 75$  ; 75개

**5** 원의 넓이

**122~** 1. 5 cm 2. 6 cm 3. 7 cm

**123쪽** 4. 9 cm 5. 10 cm 6. 12 cm  
7. 11 cm 8. 14 cm 9. 8 cm

1. 8 cm 2. 10 cm 3. 18 cm  
4. 24 cm 5. 30 cm 6. 14 cm  
7. 22 cm 8. 26 cm 9. 34 cm

1. 7.5 2. 7.68 3. 101.92  
4. 36.12 5. 3.06 6. 5.22  
7. 1.28 8. 23.04 9. 80  
10. 148.8 11. 40.23

1.  $32 \text{ cm}^2$  2.  $48 \text{ cm}^2$  3.  $20 \text{ cm}^2$   
4.  $32 \text{ cm}^2$  5.  $85 \text{ cm}^2$

**124쪽** 1. 30 cm 2. 15 cm  
3. 21 cm 4. 27 cm  
5. 36 cm 6. 12.4 cm  
7. 24.8 cm 8. 34.1 cm  
9. 46.5 cm 10. 55.8 cm  
11. 18.84 cm 12. 43.96 cm  
13. 50.24 cm 14. 62.8 cm  
15. 69.08 cm

**125쪽** 1. 30 cm 2. 48 cm  
3. 72 cm 4. 102 cm  
5. 120 cm 6. 37.2 cm  
7. 55.8 cm 8. 86.8 cm  
9. 111.6 cm 10. 155 cm  
11. 43.96 cm 12. 62.8 cm  
13. 94.2 cm 14. 138.16 cm  
15. 188.4 cm

**126쪽** 1. 4 cm 2. 11 cm 3. 16 cm  
4. 21 cm 5. 5 cm 6. 12 cm  
7. 18 cm 8. 25 cm 9. 8 cm  
10. 15 cm 11. 20 cm 12. 30 cm

**127쪽** 1. 6 cm 2. 8 cm 3. 10 cm  
4. 15 cm 5. 2 cm 6. 7 cm  
7. 9 cm 8. 12 cm 9. 3 cm  
10. 9 cm 11. 11 cm 12. 13 cm

**128쪽** 1. 240 m 2. 558 m  
3. 43400 cm 4. 2637.6 m  
5. 1099 m

**129쪽** 1. 50, 100, 50, 100  
2. 12, 12, 72, 12, 12, 144, 72, 144  
3. 276, 332  
4. 10, 60, 15, 90, 60, 90

**130쪽** 1.  $27 \text{ cm}^2$  2.  $48 \text{ cm}^2$   
3.  $300 \text{ cm}^2$  4.  $507 \text{ cm}^2$   
5.  $972 \text{ cm}^2$  6.  $77.5 \text{ cm}^2$   
7.  $111.6 \text{ cm}^2$  8.  $446.4 \text{ cm}^2$   
9.  $697.5 \text{ cm}^2$  10.  $1240 \text{ cm}^2$   
11.  $153.86 \text{ cm}^2$  12.  $200.96 \text{ cm}^2$   
13.  $615.44 \text{ cm}^2$  14.  $1017.36 \text{ cm}^2$   
15.  $1962.5 \text{ cm}^2$

**131쪽** 1.  $12 \text{ cm}^2$  2.  $108 \text{ cm}^2$   
3.  $192 \text{ cm}^2$  4.  $363 \text{ cm}^2$   
5.  $588 \text{ cm}^2$  6.  $27.9 \text{ cm}^2$   
7.  $49.6 \text{ cm}^2$  8.  $251.1 \text{ cm}^2$   
9.  $446.4 \text{ cm}^2$  10.  $697.5 \text{ cm}^2$   
11.  $78.5 \text{ cm}^2$  12.  $153.86 \text{ cm}^2$   
13.  $314 \text{ cm}^2$  14.  $530.66 \text{ cm}^2$   
15.  $907.46 \text{ cm}^2$

**132쪽** 1.  $12 \text{ cm}^2$  2.  $75 \text{ cm}^2$   
3.  $243 \text{ cm}^2$  4.  $507 \text{ cm}^2$   
5.  $27.9 \text{ cm}^2$  6.  $151.9 \text{ cm}^2$   
7.  $198.4 \text{ cm}^2$  8.  $375.1 \text{ cm}^2$   
9.  $50.24 \text{ cm}^2$  10.  $113.04 \text{ cm}^2$   
11.  $314 \text{ cm}^2$  12.  $452.16 \text{ cm}^2$

- 133쪽** 1. 5 cm 2. 8 cm 3. 13 cm  
 4. 14 cm 5. 4 cm 6. 7 cm  
 7. 12 cm 8. 11 cm 9. 3 cm  
 10. 5 cm 11. 10 cm 12. 15 cm

- 134쪽** 1. 8 cm 2. 12 cm 3. 18 cm  
 4. 26 cm 5. 6 cm 6. 14 cm  
 7. 20 cm 8. 24 cm 9. 10 cm  
 10. 16 cm 11. 30 cm 12. 40 cm

- 135쪽** 1. 12 cm 2. 30 cm  
 3. 54 cm 4. 90 cm  
 5. 18.6 cm 6. 43.4 cm  
 7. 62 cm 8. 86.8 cm  
 9. 25.12 cm 10. 50.24 cm  
 11. 75.36 cm 12. 100.48 cm

- 136쪽** 1. 254.34 cm<sup>2</sup> 2. 44.1 cm<sup>2</sup>  
 3. 172 cm<sup>2</sup> 4. 150.72 cm<sup>2</sup>  
 5. 682 cm<sup>2</sup> 6. 170.5 cm<sup>2</sup>  
 7. 216 cm<sup>2</sup> 8. 81 cm<sup>2</sup>

- 137쪽** 1. 314 cm<sup>2</sup> 2. 22.5 cm<sup>2</sup>  
 3. 324 cm<sup>2</sup> 4. 600 cm<sup>2</sup>  
 5. 303.8 cm<sup>2</sup> 6. 200.96 cm<sup>2</sup>  
 7. 90 cm<sup>2</sup> 8. 200 cm<sup>2</sup>

- 138~** 1. 원주, 원주율, 원주, 지름, 반지름  
**139쪽** 2. 7 3. 18 4. 523.9 cm<sup>2</sup>  
 5. 375.1 cm<sup>2</sup> 6. 12 cm  
 7. 37.2 cm, 111.6 cm<sup>2</sup>  
 8. 351.68 m 9. 100.48 cm<sup>2</sup>  
 10. 123.84 cm<sup>2</sup>

**6 원기둥, 원뿔, 구**

- 142~** 1. 삼각기둥 2. 사각기둥 3. 오각기둥  
**143쪽** 4. 육각기둥 5. 팔각기둥

1. 삼각뿔 2. 사각뿔 3. 오각뿔  
 4. 육각뿔 5. 팔각뿔

(위부터)

1. 밑면, 높이, 옆면  
 2. 꼭짓점, 모서리  
 3. 옆면, 높이, 밑면  
 4. 각뿔의 꼭짓점, 모서리, 꼭짓점

1. 48 cm<sup>2</sup> 2. 77.5 cm<sup>2</sup>  
 3. 153.86 cm<sup>2</sup> 4. 310 cm<sup>2</sup>  
 5. 706.5 cm<sup>2</sup>

- 144쪽** 1. ○ 2. × 3. ○  
 4. ○ 5. × 6. 옆면  
 7. 밑면 8. 높이 9. 2개

- 145쪽** 1. 5 cm, 12 cm 2. 7 cm, 8 cm  
 3. 4 cm, 9 cm 4. 8 cm, 20 cm  
 5. 6 cm, 16 cm 6. 6 cm, 12 cm  
 7. 12 cm, 10 cm 8. 12 cm, 20 cm  
 9. 18 cm 10. 14 cm  
 11. 16 cm

- 146쪽** 1. 4 cm 2. 8 cm 3. 10 cm  
 4. 6 cm 5. 14 cm 6. 5 cm  
 7. 4 cm 8. 8 cm 9. 9 cm  
 10. 4 cm

- 147쪽** 1. ( ) (○) ( )  
 2. ( ) (○) ( )  
 3. ( ) ( ) (○)  
 4. (○) ( ) ( )  
 5. ( ) ( ) (○)

**148쪽** (위부터)

- 1. 4, 25, 12, 9      2. 6, 37, 68, 8
- 3. 3, 18, 84, 12    4. 5, 31, 4, 10
- 5. 7, 43, 96, 9      6. 8, 9, 50, 24
- 7. 10, 62, 8, 11    8. 5, 31, 4, 8
- 9. 8, 50, 24, 14

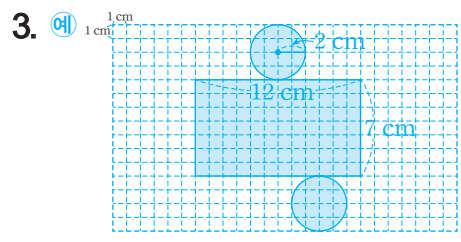
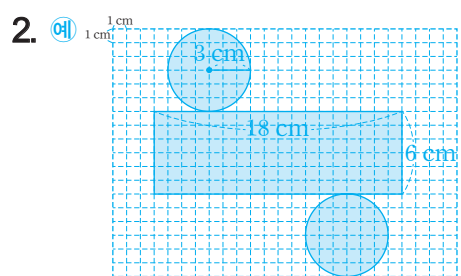
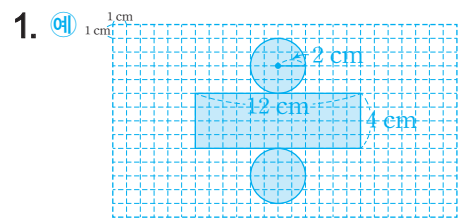
**149쪽** (위부터)

- 1. 4, 24, 9            2. 5, 5, 30
- 3. 8, 4, 48            4. 6, 36, 8
- 5. 2, 10, 12

(왼쪽부터)

- 6. 3, 7, 18            7. 7, 4, 42
- 8. 5, 30, 18          9. 8, 8, 48

**150쪽**



**151쪽**

- 1. 4 cm      2. 6 cm      3. 5 cm
- 4. 7 cm      5. 10 cm    6. 12 cm

**152쪽**

- 1. ○          2. ×          3. ×
- 4. ○          5. ×          6. 꼭짓점
- 7. 밑면      8. 모선      9. 옆면
- 10. 높이

**153쪽**

- 1. 3 cm, 4 cm, 5 cm
- 2. 6 cm, 8 cm, 10 cm
- 3. 5 cm, 12 cm, 13 cm
- 4. 8 cm, 15 cm, 17 cm
- 5. 6 cm, 8 cm, 10 cm
- 6. (1) 높이 (2) 모선의 길이

**154쪽**

- 1. 4 cm      2. 12 cm    3. 8 cm
- 4. 6 cm      5. 10 cm    6. 6 cm
- 7. 8 cm      8. 4 cm      9. 10 cm
- 10. 12 cm

**155쪽**

- 1. ○      2. ×      3. ×      4. ×
- 5. ○      6. ×      7. ○      8. ×
- 9. 중심    10. 반지름

**156쪽**

- 1. 4 cm      2. 7 cm      3. 12 cm
- 4. 13 cm    5. 15 cm    6. 8 cm
- 7. 9 cm      8. 12 cm    9. 15 cm
- 10. 10 cm    11. 13 cm   12. 18 cm
- 13. 17 cm   14. 20 cm

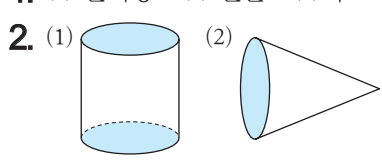
**157쪽**

- 1. 2 cm      2. 3 cm      3. 4 cm
- 4. 6 cm      5. 8 cm      6. 9 cm
- 7. 11 cm     8. 15 cm     9. 18 cm

**158~**

- 1. (1) 원기둥 (2) 원뿔 (3) 구

**159쪽**



- 3. 2 cm
- 4. (위부터) 원, 2, 1, 원, 1, 1
- 5. (위부터) 3, 18, 5
- 6. (1) 6 cm, 8 cm (2) 9 cm, 12 cm
- 7. (○)( ) ( )

