

1. 다음 식을 계산하시오.

$$2\frac{2}{7} \div 2.4$$

①  $\frac{19}{20}$

②  $\frac{21}{19}$

③  $\frac{19}{21}$

④  $\frac{21}{20}$

⑤  $\frac{20}{21}$

2.

다음을 계산하시오.

$$2\frac{4}{7} \div 0.72$$

①  $2\frac{3}{7}$

②  $2\frac{4}{7}$

③  $3\frac{3}{7}$

④  $3\frac{4}{7}$

⑤  $4\frac{4}{7}$

3.

소수를 분수로 고쳐서 계산하시오.

$$\frac{1}{6} \div 1.2$$

①  $\frac{4}{9}$

②  $\frac{5}{9}$

③  $\frac{5}{16}$

④  $\frac{5}{18}$

⑤  $\frac{5}{36}$

4. 다음 중 가장 먼저 계산해야 하는 식은 어느 것입니까?

$$4\frac{3}{5} \times \left( 3.25 - 1\frac{1}{4} \right) \div 0.8$$

①  $4\frac{3}{5} \div 0.8$

②  $4\frac{3}{5} \times 1\frac{1}{4}$

③  $3.25 - 1\frac{1}{4}$

④  $3.25 \div 0.8$

⑤  $1\frac{1}{4} \div 0.8$

5. 계산 순서를 잘못 나타낸 것은 어느 것입니까?

①  $\frac{2}{3} + 0.4 \div \frac{1}{10}$

The diagram shows a bracket spanning the entire expression  $\frac{2}{3} + 0.4 \div \frac{1}{10}$ . Inside this main bracket, there is another smaller bracket underneath the division operation  $\div$ , which is labeled with circled 1 (①). Below the main bracket, there is a circled 2 (②) indicating the order of operations.

②  $3.1 \times \frac{2}{5} - \frac{1}{8}$

The diagram shows a bracket spanning the entire expression  $3.1 \times \frac{2}{5} - \frac{1}{8}$ . Inside this main bracket, there is another smaller bracket underneath the multiplication operation  $\times$ , which is labeled with circled 1 (①). Below the main bracket, there is a circled 2 (②) indicating the order of operations.

③  $4\frac{1}{6} - 1.5 \times \frac{3}{4}$

The diagram shows a bracket spanning the entire expression  $4\frac{1}{6} - 1.5 \times \frac{3}{4}$ . Inside this main bracket, there is another smaller bracket underneath the multiplication operation  $\times$ , which is labeled with circled 1 (①). Below the main bracket, there is a circled 2 (②) indicating the order of operations.

④  $\left(\frac{2}{5} + 1\frac{1}{3}\right) \times 3.6$

The diagram shows a bracket spanning the entire expression  $\left(\frac{2}{5} + 1\frac{1}{3}\right) \times 3.6$ . Inside this main bracket, there is another smaller bracket underneath the addition operation  $+$ , which is labeled with circled 1 (①). Below the main bracket, there is a circled 2 (②) indicating the order of operations.

⑤  $0.12 \times \left(\frac{2}{5} + 2\frac{4}{5}\right)$

The diagram shows a bracket spanning the entire expression  $0.12 \times \left(\frac{2}{5} + 2\frac{4}{5}\right)$ . Inside this main bracket, there is another smaller bracket underneath the addition operation  $+$ , which is labeled with circled 1 (①). Below the main bracket, there is a circled 2 (②) indicating the order of operations.

6. 다음 중  $\left(3\frac{1}{6} - 0.5\right) \div 8 + 2\frac{2}{3} \times \frac{1}{4}$ 에서 가장 먼저 계산해야 할 것은 어느 것입니까?

①  $8 + 2\frac{2}{3}$

②  $2\frac{2}{3} \times \frac{1}{4}$

③  $3\frac{1}{6} - 0.5$

④  $8 \times \frac{1}{4}$

⑤  $0.5 \div 8$

7. 다음 나눗셈에서 분수를 소수로 고쳐 계산할 때, 몫을 소수 둘째 자리에서 반올림하여 구하시오.

$$3\frac{5}{8} \div 0.7$$

① 5

② 5.18

③ 5.2

④ 5.38

⑤ 5.178

8. 다음 나눗셈에서 분수를 소수로 고쳐서 계산할 때, 몫을 소수 둘째 자리에서 반올림하여 구하시오.

$$3\frac{5}{8} \div 0.7$$

① 5.1

② 5.2

③ 5.3

④ 5.4

⑤ 5.5

9. 다음 나눗셈 중 몫이 가장 큰 것은 어느 것입니까?

①  $0.4 \div \frac{1}{8}$

④  $0.4 \div \frac{1}{9}$

②  $0.4 \div \frac{1}{5}$

⑤  $0.4 \div \frac{1}{2}$

③  $0.4 \div \frac{1}{6}$

10. 어떤 수에  $2\frac{1}{3}$  을 곱하였더니 7.21 이 되었습니다. 다음 중 어떤 수는 얼마인지 고르시오.

①  $2\frac{9}{10}$

②  $2\frac{9}{100}$

③  $3\frac{9}{10}$

④  $3\frac{9}{100}$

⑤  $4\frac{9}{100}$

11. 빵 한 개를 만드는데 밀가루  $0.3\text{ kg}$ 이 필요하다고 합니다. 밀가루  $4\frac{1}{5}\text{ kg}$ 으로는 빵을 몇 개 만들 수 있는지 구하시오.

- ① 10개
- ② 12개
- ③ 14개
- ④ 16개
- ⑤ 18개

12. □ 안에 알맞은 수를 차례로 써넣은 것은 어느 것입니까?

$$1.75 \times \left( 1\frac{4}{5} - 1.4 \right) \div \frac{4}{5} - 0.5$$

$$= \frac{175}{100} \times \left( \frac{9}{5} - \frac{\square}{10} \right) \div \frac{4}{5} - \frac{5}{10}$$

$$= \frac{7}{4} \times \frac{\square}{5} \times \frac{5}{4} - \frac{5}{10}$$

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

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

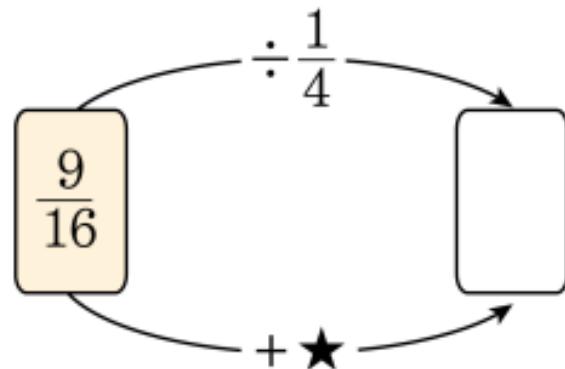
② 7, 2,  $\frac{8}{7}$ ,  $\frac{3}{8}$

③ 14, 2,  $\frac{7}{8}$ ,  $\frac{3}{8}$

④ 14, 2,  $\frac{8}{7}$ ,  $\frac{3}{8}$

⑤ 14, 2,  $\frac{7}{8}$ ,  $\frac{5}{8}$

13. 다음에서 ★을 구하는 알맞은 식은 어느 것 입니까?



$$\textcircled{1} \quad \frac{9}{16} \div \frac{1}{4}$$

$$\textcircled{3} \quad \frac{9}{16} \div \frac{1}{4} + \frac{9}{16}$$

$$\textcircled{5} \quad \frac{9}{16} \div \frac{1}{4} + \frac{9}{16} \times \frac{1}{4}$$

$$\textcircled{2} \quad \frac{9}{16} \times \frac{1}{4}$$

$$\textcircled{4} \quad \frac{9}{16} \div \frac{1}{4} - \frac{9}{16}$$

14. 분수를 소수로 고쳐서 계산할 때, 둘이 나누어떨어지는 것은 어느 것입니까?

①  $2\frac{1}{2} \div 0.7$

②  $1\frac{2}{5} \div 0.9$

③  $0.58 \div \frac{4}{5}$

④  $\frac{6}{25} \div 1.04$

⑤  $4\frac{3}{5} \div 1.1$

15. 가로, 세로, 6칸짜리 사각형 안에 1부터 6까지의 숫자가 각각 한번씩만 들어가게 하려고 합니다. ㉠-㉡-㉢의 값으로 알맞은 것은 무엇입니까?

㉠					6
3	6		1		5
	4	㉡		5	3
	3	5			2
4	5			6	㉢
2			5	3	4

① 1

② 2

③ 3

④ 4

⑤ 5