

1. 나눗셈을 하시오.

$$\frac{32}{3} \div 8$$

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

해설

$$\frac{32}{3} \div 8 = \frac{32}{3} \times \frac{1}{8} = \frac{4}{3} = 1\frac{1}{3}$$

2. 다음을 계산하여 기약분수로 나타내시오.

$$\frac{15}{8} \div 5$$

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

해설

$$\frac{15}{8} \div 5 = \frac{15}{8} \times \frac{1}{5} = \frac{3}{8}$$

3. 나눗셈을 하여 기약분수로 나타내시오.

$$\frac{9}{8} \div 6$$

- ① $\frac{3}{16}$ ② $\frac{3}{4}$ ③ $\frac{3}{8}$ ④ $3\frac{1}{16}$ ⑤ $6\frac{3}{4}$

해설

$$\frac{9}{8} \div 6 = \frac{9}{8} \times \frac{1}{6} = \frac{3}{16}$$

4. 나눗셈을 하여 기약분수로 나타내시오.

$$\frac{25}{4} \div 10$$

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

해설

$$\frac{25}{4} \div 10 = \frac{25}{4} \times \frac{1}{10} = \frac{5}{8}$$

5. 다음을 계산하시오.

$$\frac{27}{8} \div 9$$

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

해설

$$\frac{27}{8} \div 9 = \frac{27}{8} \times \frac{1}{9} = \frac{3}{8}$$

6. 나눗셈을 하시오.

$$\frac{35}{4} \div 7$$

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

해설

$$\frac{35}{4} \div 7 = \frac{35}{4} \times \frac{1}{7} = \frac{5}{4} = 1\frac{1}{4}$$

7. 나눗셈을 하시오.

$$\frac{36}{5} \div 8$$

- ① $\frac{1}{10}$ ② $\frac{1}{5}$ ③ $\frac{2}{5}$ ④ $\frac{7}{10}$ ⑤ $\frac{9}{10}$

해설

$$\frac{36}{5} \div 8 = \frac{36}{5} \times \frac{1}{8} = \frac{9}{10}$$

8. 나눗셈을 하시오.

$$\frac{15}{11} \div 21$$

- ① $\frac{1}{77}$ ② $\frac{3}{77}$ ③ $\frac{5}{77}$ ④ $\frac{9}{77}$ ⑤ $\frac{12}{77}$

해설

$$\frac{15}{11} \div 21 = \frac{15}{11} \times \frac{1}{21} = \frac{5}{77}$$

9. 가분수를 자연수로 나눈 몫을 분수로 나타낸 것은 어느 것입니까?

$$\frac{13}{6} \div 3$$

- ① $\frac{2}{13}$ ② $\frac{13}{2}$ ③ $\frac{18}{13}$ ④ $\frac{13}{18}$ ⑤ $\frac{13}{9}$

해설

$$\frac{13}{6} \div 3 = \frac{13}{6} \times \frac{1}{3} = \frac{13}{18}$$

10. 나눗셈을 하시오.

$$\frac{9}{5} \div 21$$

- ① $\frac{1}{35}$ ② $\frac{2}{35}$ ③ $\frac{3}{35}$ ④ $\frac{4}{35}$ ⑤ $\frac{6}{35}$

해설

$$\frac{9}{5} \div 21 = \frac{9}{5} \times \frac{1}{21} = \frac{3}{35}$$

11. 나눗셈의 몫을 잘못 구한 것은 어느 것입니까?

① $\frac{8}{3} \div 4 = \frac{2}{3}$ ② $\frac{7}{5} \div 4 = \frac{7}{20}$ ③ $\frac{28}{6} \div 12 = \frac{18}{7}$
④ $\frac{10}{8} \div 5 = \frac{1}{4}$ ⑤ $\frac{17}{14} \div 3 = \frac{17}{42}$

해설

$$\frac{28}{6} \div 12 = \frac{\cancel{28}^7}{6} \times \frac{1}{\cancel{12}_3} = \frac{7}{18}$$