1. $\square$ 안에 알맞은 수를 차례대로 써넣으시오.

$$\frac{12}{17} \div 4 = \frac{12}{17} \times \frac{1}{\square} = \frac{\square}{17}$$

▶ 답 :

▶ 답 :

▷ 정답 : 4

▷ 정답 : 3

해설

$$\frac{12}{17} \div 4 = \frac{\overset{3}{\cancel{12}}}{17} \times \frac{1}{\cancel{4}_{1}} = \frac{3}{17}$$

2. 다음 중 나눗셈의 몫이 다른 하나는 어느 것인지 구하시오.

① $3\frac{3}{4} \div 10$ ② $1\frac{1}{2} \div 4$ ③ $4\frac{7}{8} \div 13$

④ $8\frac{1}{4} \div 11$ ⑤ $5\frac{1}{4} \div 14$

해설

① $3\frac{3}{4} \div 10 = \frac{\overset{3}{\cancel{15}}}{4} \times \frac{1}{\underset{2}{\cancel{10}}} = \frac{3}{8}$

② $1\frac{1}{2} \div 4 = \frac{3}{2} \times \frac{1}{4} = \frac{3}{8}$

③ $4\frac{7}{8} \div 13 = \frac{\overset{3}{\cancel{39}}}{8} \times \frac{1}{\underset{1}{\cancel{13}}} = \frac{3}{8}$

④ $8\frac{1}{4} \div 11 = \frac{\overset{3}{\cancel{33}}}{4} \times \frac{1}{\underset{1}{\cancel{11}}} = \frac{3}{4}$

⑤ $5\frac{1}{4} \div 14 = \frac{\overset{3}{\cancel{21}}}{4} \times \frac{1}{\underset{2}{\cancel{14}}} = \frac{3}{8}$

3. $2\frac{1}{3} \div 2 \div 3$ 의 계산 결과와 같은 것을 고르시오.

① $2\frac{1}{3} \div \frac{1}{2} \times \frac{1}{3}$　② $2\frac{1}{3} \times \frac{2}{3}$　③ $\frac{7}{3} \times \frac{1}{2} \times \frac{1}{3}$

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

해설

곱셈식으로 고쳐 비교합니다.

$$2\frac{1}{3} \div 2 \div 3 = 2\frac{1}{3} \times \frac{1}{2} \times \frac{1}{3} = \frac{7}{3} \times \frac{1}{2} \times \frac{1}{3}$$

4. 다음 나눗셈을 하시오.

$$2\frac{3}{7} \times 2 \div 3$$

① $1\frac{13}{21}$ ② $2\frac{13}{21}$ ③ $3\frac{13}{21}$ ④ $4\frac{13}{21}$ ⑤ $5\frac{13}{21}$

해설

$$2\frac{3}{7} \times 2 \div 3 = \frac{17}{7} \times 2 \times \frac{1}{3} = \frac{34}{21} = 1\frac{13}{21}$$

5. 크기를 비교하여 ○안에 >, =, <를 알맞게 써넣으시오.

$10\frac{2}{5} \div 12 \times 3 \ \bigcirc \ 10\frac{2}{5} \div 3 \times 12$

▶ 답 :

▷ 정답 : <

해설

$$10\frac{2}{5} \div 12 \times 3 = \frac{\overset{13}{\cancel{52}}}{5} \times \frac{1}{\underset{1}{\cancel{12}}} \times \frac{1}{\cancel{3}} = \frac{13}{5} = 2\frac{3}{5}$$

$$10\frac{2}{5} \div 3 \times 12 = \frac{52}{5} \times \frac{1}{\underset{1}{\cancel{3}}} \times \frac{\overset{4}{\cancel{12}}}{1} = \frac{208}{5} = 41\frac{3}{5}$$

따라서 $10\frac{2}{5} \div 12 \times 3 < 10\frac{2}{5} \div 3 \times 12$ 입니다.