

1. 다음 분수의 나눗셈을 하시오.

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

▶ 답 :

▷ 정답 : $2\frac{2}{3}$

해설

$$\frac{5}{3} \div \frac{5}{8} = \frac{5}{3} \times \frac{8}{\cancel{5}^1} = \frac{8}{3} = 2\frac{2}{3}$$

2. 다음 중 계산 결과가 틀린 것은 어느 것입니까?

① $\frac{15}{13} \div \frac{2}{7} = 4\frac{1}{26}$

② $\frac{11}{6} \div \frac{3}{5} = 3\frac{1}{18}$

③ $\frac{5}{4} \div \frac{8}{7} = 1\frac{3}{32}$

④ $\frac{7}{3} \div \frac{5}{2} = \frac{14}{15}$

⑤ $\frac{11}{8} \div \frac{2}{3} = 2\frac{3}{16}$

해설

⑤ $\frac{11}{8} \div \frac{2}{3} = \frac{11}{8} \times \frac{3}{2} = \frac{33}{16} = 2\frac{1}{16}$

3. 다음 식을 계산하시오.

$$\frac{8}{3} \div \frac{6}{5}$$

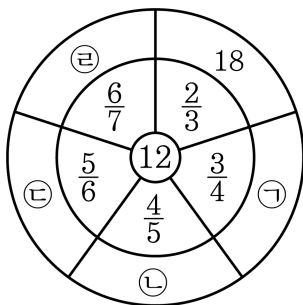
▶ 답 :

▷ 정답 : $2\frac{2}{9}$

해설

$$\frac{8}{3} \div \frac{6}{5} = \frac{\overset{4}{\cancel{8}}}{3} \times \frac{5}{\underset{3}{\cancel{6}}} = \frac{20}{9} = 2\frac{2}{9}$$

4. 가운데 수를 둘레의 수로 나누어, 다음 빈 칸에 알맞은 수를 차례대로 구하시오.



▶ 답 :

▶ 답 :

▶ 답 :

▶ 답 :

▷ 정답 : 16

▷ 정답 : 15

▷ 정답 : $14\frac{2}{5}$

▷ 정답 : 14

해설

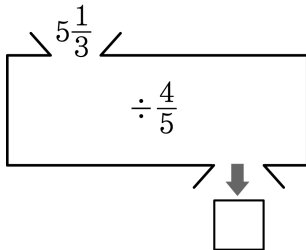
$$\text{㉠ } 12 \div \frac{3}{4} = \cancel{12}^4 \times \frac{4}{\cancel{3}_1} = 16$$

$$\text{㉡ } 12 \div \frac{4}{5} = \cancel{12}^3 \times \frac{5}{\cancel{4}_1} = 15$$

$$\text{㉢ } 12 \div \frac{5}{6} = 12 \times \frac{6}{5} = \frac{72}{5} = 14\frac{2}{5}$$

$$\text{㉣ } 12 \div \frac{6}{7} = \cancel{12}^2 \times \frac{7}{\cancel{6}_1} = 14$$

5. 안에 알맞은 수를 구하시오.



① $6\frac{1}{3}$

② $6\frac{2}{3}$

③ $5\frac{2}{3}$

④ $\frac{2}{3}$

⑤ $1\frac{2}{3}$

해설

$$5\frac{1}{3} \div \frac{4}{5} = \frac{\cancel{16}^4}{3} \times \frac{5}{\cancel{4}_1} = \frac{20}{3} = 6\frac{2}{3}$$

6.

안에 알맞은 수를 고르시오.

$$2\frac{4}{9} \div \boxed{} = 1\frac{7}{15}$$

① $1\frac{2}{3}$

② $1\frac{1}{3}$

③ $2\frac{1}{3}$

④ $3\frac{1}{3}$

⑤ $4\frac{2}{3}$

해설

$$\boxed{} = 2\frac{4}{9} \div 1\frac{7}{15} = \frac{22}{9} \div \frac{22}{15}$$

$$= \frac{\overset{1}{\cancel{22}}}{\underset{3}{\cancel{9}}} \times \frac{\overset{5}{\cancel{15}}}{\underset{1}{\cancel{22}}} = \frac{5}{3} = 1\frac{2}{3}$$