

1. 안에 알맞은 수를 차례대로 써넣으시오.

$$\begin{aligned}9 \times 2\frac{1}{3} &= 9 \times (2 + \square) \\&= (9 \times 2) + (9 \times \square) \\&= \square + \square = 21\end{aligned}$$

▶ 답 :

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▷ 정답 : $\frac{1}{3}$

▷ 정답 : $\frac{1}{3}$

▷ 정답 : 18

▷ 정답 : 3

해설

$$\begin{aligned}9 \times 2\frac{1}{3} &= 9 \times \left(2 + \frac{1}{3}\right) \\&= (9 \times 2) + \left(9 \times \frac{1}{3}\right) \\&= 18 + 3 = 21\end{aligned}$$

2. 30분의 $1\frac{2}{9}$ 는 몇 시간입니까?

① $1\frac{2}{9}$ 시간

② $\frac{11}{18}$ 시간

③ $\frac{11}{27}$ 시간

④ $\frac{1}{3}$ 시간

⑤ $\frac{1}{18}$ 시간

해설

30 분은 $\frac{1}{2}$ 시간이므로

$\frac{1}{2}$ 시간의 $1\frac{2}{9}$ 는

$$\frac{1}{2} \times \frac{11}{9} = \frac{11}{18} \text{ (시간) 입니다.}$$

3. 곱이 큰 차례대로 기호를 쓰시오.

$$\textcircled{\text{㉠}} \frac{4}{7} \times 3$$

$$\textcircled{\text{㉡}} 4\frac{1}{5} \times 4$$

$$\textcircled{\text{㉢}} \frac{5}{8} \times \frac{4}{5}$$

$$\textcircled{\text{㉣}} 2\frac{1}{5} \times 1\frac{2}{3}$$

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해설

$$\textcircled{\text{㉠}} \frac{4}{7} \times 3 = \frac{4 \times 3}{7} = \frac{12}{7} = 1\frac{5}{7}$$

$$\textcircled{\text{㉡}} 4\frac{1}{5} \times 4 = \frac{21}{5} \times 4 = \frac{21 \times 4}{5} = \frac{84}{5} = 16\frac{4}{5}$$

$$\textcircled{\text{㉢}} \frac{\overset{1}{\cancel{5}}}{\underset{2}{\cancel{8}}} \times \frac{\overset{1}{\cancel{4}}}{\underset{1}{\cancel{5}}} = \frac{1}{2}$$

$$\textcircled{\text{㉣}} 2\frac{1}{5} \times 1\frac{2}{3} = \frac{11}{\underset{1}{\cancel{5}}} \times \frac{\overset{1}{\cancel{5}}}{3} = \frac{11}{3} = 3\frac{2}{3}$$

4. 다음을 계산하시오.

$$\frac{4}{5} \times \left(1\frac{3}{4} + \frac{5}{6}\right)$$

① $1\frac{2}{5}$

② $\frac{2}{3}$

③ $2\frac{1}{15}$

④ $2\frac{7}{12}$

⑤ $3\frac{1}{15}$

해설

$$\frac{4}{5} \times \left(\frac{7}{4} + \frac{5}{6}\right) = \frac{4}{5} \times \left(\frac{21}{12} + \frac{10}{12}\right)$$

$$= \frac{\overset{1}{\cancel{4}}}{5} \times \frac{31}{\underset{3}{\cancel{12}}}$$

$$= \frac{31}{15} = 2\frac{1}{15}$$

5. 다음을 계산하시오.

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

▶ 답 :

▷ 정답 : 12

해설

$$2\frac{1}{4} \times 1\frac{3}{5} \times 3\frac{1}{3} = \frac{\overset{3}{\cancel{9}}}{\underset{1}{\cancel{4}}} \times \frac{\overset{2}{\cancel{8}}}{\underset{1}{\cancel{5}}} \times \frac{\overset{2}{\cancel{10}}}{\underset{1}{\cancel{3}}} = 12$$