

1. 소수를 분수로 고쳐서 계산하시오.

$$8\frac{1}{3} \div 0.17$$

① $40\frac{1}{5}$

② $40\frac{1}{51}$

③ $41\frac{1}{51}$

④ $41\frac{1}{5}$

⑤ $49\frac{1}{51}$

해설

$$\begin{aligned} 8\frac{1}{3} \div 0.17 &= \frac{25}{3} \div \frac{17}{100} \\ &= \frac{25}{3} \times \frac{100}{17} = \frac{2500}{51} = 49\frac{1}{51} \end{aligned}$$

2. 다음을 계산하시오.

$$1\frac{3}{4} \div 0.5 \times 2.4$$

① $4\frac{2}{5}$

② $5\frac{2}{5}$

③ $6\frac{2}{5}$

④ $7\frac{2}{5}$

⑤ $8\frac{2}{5}$

해설

$$1\frac{3}{4} \div 0.5 \times 2.4 = \frac{7}{4} \times \frac{10}{5} \times \frac{24}{10} = \frac{42}{5} = 8\frac{2}{5}$$