

1. 3^3 을 B 라고 할 때, $9^2 \times \frac{1}{81^2} \div \left(\frac{1}{27}\right)^3$ 을 B 를 써서 나타내면?

① $3B$

② $3B^2$

③ $9B^2$

④ $9B$

⑤ $\frac{B}{9}$

해설

$$\begin{aligned}(\text{준식}) &= 3^4 \times \frac{1}{3^8} \div \left(\frac{1}{3^3}\right)^3 \\&= 3^4 \times \frac{1}{3^8} \times 3^9 \\&= 3^5 = 3^2 \times 3^3 = 9B\end{aligned}$$